

# Qualitative Data Processing Using

# NVivo 12

**Hadi Sutopo**


IEEE Senior Member

Multimedia, Educational Technology



# TOPIC

- Introduction**
- Qualitative Research**
  - What is Qualitative
  - Qualitative Data
  - Qualitative Data Analysis
- Qualitative Software**
- Qualitative Data Processing**

 Exit

# Qualitative Data Processing Using

# INTRODUCTION

# 12



Enter



# QUALITATIVE RESEARCH

describe & analyze

**phenomenon, evidence,  
social activities, attitude,  
believe, perceptions,  
thinking of individual or group,  
etc**



Improve Research  
through  
Using Qualitative Data Processing

**THE SECRET OF  
GETTING AHEAD  
IS GETTING STARTED**

Mark Twain



Qualitative Data Processing  
Using

# QUALITATIVE RESEARCH

12



Enter



# **PENELITIAN KUALITATIF**



Data tidak berbentuk angka, lebih banyak berupa narasi, deskripsi, cerita, dokumen tertulis dan tidak tertulis (gambar, foto).

**kekuatan pada diri peneliti sendiri**



	<b>Qualitative</b>	<b>Quantitative</b>
<b>Focus</b>	Quality or meaning of experience	Quantity, frequency, magnitude
<b>Philosophical Roots</b>	Constructivism, interpretivism	Positivism
<b>Goals of Investigation</b>	Understand, describe, discover	Predict, control, confirm, test
<b>Design Characteristics</b>	Flexible, evolving, emergent	Structured, predetermined
<b>Data Collection</b>	Researcher as instrument	External Instruments: tests, surveys



# **PENELITIAN KUALITATIF**

**Konsep**  
**Tujuan Penelitian Kualitatif**  
**Interaksi pada Penelitian Kualitatif**  
**Responden Penelitian Kualitatif**



# Konsep

**Reality is  
multilayer,  
interactive and  
a shared social experience  
interpretation by individuals”**

*(McMillan dan Schumacker, 2001)*



# Tujuan Penelitian Kualitatif

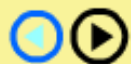
- **menggambarkan dan mengungkap**  
*(to describe and explore)*
- **menggambarkan dan menjelaskan**  
*(to describe and explain)*



# Interaksi pada Penelitian Kualitatif

- hubungan sosial antara peneliti dan responden
- tindakan seseorang tergantung tafsirnya
- penelitian kualitatif bersifat induktif

- peneliti tidak berposisi untuk menilai orang lain
- peneliti memahami cara pandang responden



# Responden Penelitian Kualitatif

**TIDAK ADA PERINCIAN JUMLAH DAN  
TIPE INFORMAN YANG PASTI**

- responden dipilih secara sengaja

**bukan jumlah responden  
tetapi potensi untuk memberi pemahaman**



# Data Kualitatif

## **Berbentuk deskriptif**

- berujud uraian terperinci, kutipan langsung, dan dokumentasi kasus,
- tanpa mencoba mencocokkan suatu gejala dengan kategori baku yang telah ditetapkan

## **Tangkapan atas perkataan subjek penelitian,**

- peneliti memahami masyarakat menurut pengertian mereka sendiri

## **Bersifat mendalam dan perinci,**

- sehingga juga bersifat panjang lebar

**teks, catatan harian, catatan lapangan**



# Data Kualitatif

## Sumber data primer:

- responden
- informan

## Reliablilitas data

- konsistensi pemberian kode

## Tingkat keakuratan data

- akurasi penelitian dalam memahami data
- cara pandang penelitian terhadap data



# Macam Data Kualitatif

## Dokumen kuesioner

- pertanyaan open-ended

## Dokumen wawancara

- pertanyaan open-ended
- transkrip disimpan dalam file teks

## Catatan pengamatan

- pada umumnya berupa tulisan tangan

## Rekaman audio

- untuk menggali isi wawancara lebih lengkap

## Rekaman video

- untuk menggali isi video lebih dalam

## Data dari buku

- digunakan dalam pengolahan data bersama lainnya

## Data dari halaman web

- digunakan dalam pengolahan data bersama lainnya



# Organisasi Data

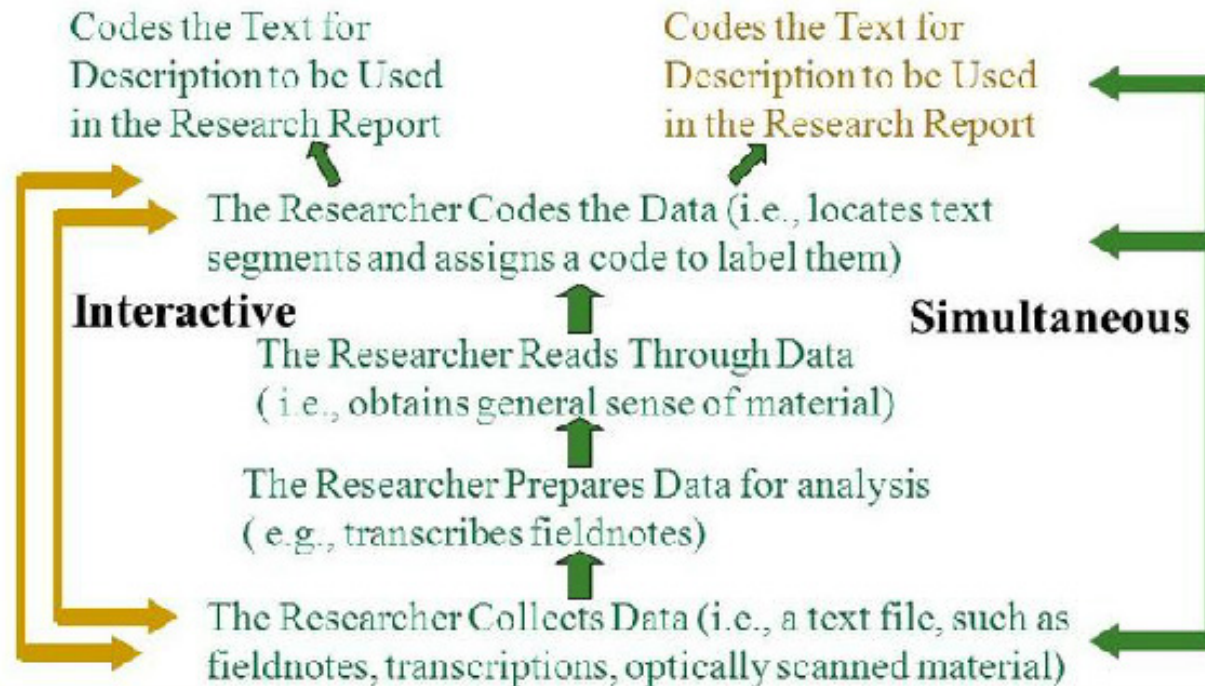
**Organisasi data yang sistematis memungkinkan peneliti untuk:**

- **Memperoleh kualitas data yang baik**
- **Mendokumentasikan analisis yang dilakukan**
- **Menyimpan data dan analisis yang berkaitan dengan penyelesaian penelitian**



# Analisis Data Kualitatif

## The Qualitative Process of Data Analysis





Fishing

**Henry** Talk about changes that you've seen in this area.

**Barbara:** I think that now there's a sense the commercial fishing as a levelohhd in dying as a visible option. And I know - I think that it is a change since 30 years or 15 years ago. I don't remember that being sort of these sense of doom. For me that's the most profound. That's a huge thing that I think is very sad. And that has to do with - that's such a complex situation - the water quality and also the over harvesting and tearing up the bottom - all these different things that are factors.

Environmental change

**Henry** And what's contributed to the water quality issues? What's caused that problem?

Water quality

**Barbara** The biggest factor in my understanding is stormwater runoff. Considering the amount of wetlands we have and the amount of land - we don't have a lot of impervious surfaces Down East. I think Down East is still in pretty good shape, as opposed to other parts of the county which are much more developed. I mean, there's agricultural runoff and septic system failures, but the largest thing in my understanding that affects the water quality is stormwater runoff. And that is as bigger developments and more dense developments - that would become more of a problem.

Water quality

**Henry** Are there changes that you've observed to the landscape of the area?

Development

**Barbara** Just so much clear-cutting. It has stopped lately, but a lot of time if somebody wants to make some land ready to sell, they just cut everything - clear-cut everything. Suddenly, it's supposed to be a more marketable piece of property, which I don't agree with. So loss of habitat for small, like the red foxes and lots of other animals. But there's a tremendous amount of loss of habitat from just all this clearing of land.

**Henry** What is your vision of how you would like Down East to be in the future?

Los

**Barbara** Maintaining the water quality and environmental protection is critical. And because I think now, there's some concern that development happen in a way that still protects the environment. I think development is gonna start to become low-impact development as just a matter of course because there's really that many downsides to it. And there's a big upside to it. And I would hope that we could have fishing viable because I really think it has to do with also our local food security sort of. We have and the people know how to gather the food from the waters here.



# Coding



**Research question one:**

**How do Millennial practitioners who work at public relations agencies describe the generation of public relations practitioners?**

*Open codes for RQ 1*

Open code	Properties	Examples of participants' words
Wanting experiential learning	Seeking credentials Feeling ambitious Seeking excitement Being eager	Seeking experience Ambitious Hungry for responsibility Want to be the next big thing Driven Ready to roll Always looking for a new thrill Grow quickly Learn things on our own
Pioneering social	Being comfortable with	Not being afraid of technology



Pioneering social media and easily adapting to change	Being comfortable with social media Wanting to lead Creating and embracing new ideas	Not being afraid of technology Risk-taking Being fresh Creating and accepting new ideas Embracing a rapid fire speed Being creative
Feeling entitled due to unique qualifications, as compared to previous generations	Coming equipped with a public relations education and several internships	Mostly PR majors instead of majoring in other fields Being educated in public relations Starting jobs with several internships under the belt Having a great foundation from majors and internships
Craving immediate feedback and being motivated by feeling appreciated	Desiring attention Wanting to impress Wanting a mentor	Want to feel valued and appreciated Want to be recognized Want feedback Want to be rewarded for good work
Advocating a work-life balance	Seeking personal fulfillment	Don't want to work our lives away Want to have room for a life outside of work



Advocating a work-life balance	Seeking personal fulfillment Recharging by enjoying a rich personal life Being raised to believe they could have it all	Don't want to work our lives away Want to have room for a life outside of work Raised to expect excellence in our personal lives
Possessing the personal skills and characteristics needed	Getting along well with people Being intelligent Valuing ethics	Friendly, sociable Motivated by friendships at work Smart, clever, sharp Ethical

**Axial codes and selective code based on the open codes**

Open codes	Axial codes	Selective code
Wanting experiential learning; constantly learning; working in a good environment; pioneering	Believing they are ready to be set loose on accounts	Wanting to make a difference



### Axial codes and selective code based on the open codes

Open codes	Axial codes	Selective code
Wanting experiential learning; constantly learning; working in a good environment; pioneering social media and easily adapting to change; feeling entitled due to unique qualifications, as compared to previous generations; possessing the personal skills and characteristics needed; being groomed	Believing they are ready to be set loose on accounts	Wanting to make a difference
Craving immediate feedback and being motivated by feeling appreciated;	Seeking external validation	



Craving immediate feedback and being motivated by feeling appreciated; detesting getting called out; receiving verbal encouragement and making observations	Seeking external validation		
Mind reading and expectations for a miracle worker; getting called out; not being heard	Silently blaming employers for failures		
Advocating a work-life balance; being cared for as a whole person; accommodating interests and preferences	Wanting a meaningful experience at work and outside of work		



# Tahapan Coding

- **Pertama**, peneliti menyusun transkrip kata demi kata atau catatan lapangan, memberi kolom kosong di sisi kanan-kiri catatan, memungkinkan dilakukan coding
- **Kedua**, peneliti secara urut dan kontinu melakukan penomoran pada baris-baris transkrip
- **Ketiga**, peneliti memberikan nama untuk masing-masing berkas dengan kode tertentu. Gunakanlah kode yang sesuai dengan catatan penelitian tersebut



- ***Membaca transkrip*** untuk mengidentifikasi kemungkinan tema-tema yang muncul. Tema ini dapat memodifikasi proses pengambilan data berikutnya.
- ***Membaca transkrip*** berulang-ulang sebelum melakukan koding untuk memperoleh ide umum tentang tema, sekaligus menghindari kesulitan mengambil kesimpulan
- ***Selalu membawa*** buku catatan, komputer atau tape recorder untuk mencatat pemikiran-pemikiran analitis yang muncul secara spontan
- ***Membaca kembali*** data dan catatan analisis secara teratur, dan segera menuliskan tambahan-tambahan pemikiran, pertanyaan dan ide tambahan begitu hal itu muncul



# Kepekaan Teoretis

- **Kualitas personal** yang dimiliki peneliti, mengindikasikan kesadaran tentang detail dan kompleksitas makna dari data.
- Tergantung pada jenis dan **penguasaan referensi**, **pengalaman**, dan **kepekaan terhadap fenomena** yang diteliti.
- Kemampuan untuk **mengolah “insight”**, memberi makna pada data, memahami, memilih dan memilah data.



# Sumber Kepekaan Teoretis

- **Pengalaman pribadi.** Mengalami langsung dan bersentuhan dengan masalah-masalah yang kita diteliti
- **Wawasan.** Wawasan dan pemahaman tentang fenomena.
- **Literatur.** Kekayaan bahan bacaan tentang teori, penelitian, berbagai jenis dokumen
- **Proses analisis.** Semakin banyak seorang peneliti melakukan penelitian dan terjun ke lapangan,



# Qualitative Data Processing Using

# QUALITATIVE SOFTWARE

# 12



Enter



# QUALITATIVE SOFTWARE

**Help user in working easily**  
*(computerized manual manual activites)*

- Coding
- Classification
- Making Note
- Word Query

**NOT GENERATE THE CONCLUSION  
OF RESEARCH**



Adobe Flash Player 11

File View Control Help

# SOFTWARE

## Weft QDA

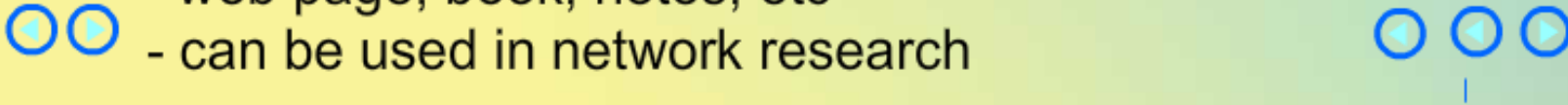
- **text data**
- free software
- Windows, Mac, dan Linux

## CDC EZ-Text

- developed by CDC (Centers for Disease Control & Prevention) in Atlanta.
- **semi structured data**
- free software - can be downloaded from <http://www.cdc.gov>

## Nvivo

- **variety data**: document (Word, pdf), image, video, audio, web page, book, notes, etc
- can be used in network research



# NVivo

## Advantages of NVivo

- Import **document** (.doc, .rtf, .txt, pdf)
- Import **video** (.mpg, .mpeg, .mpe, .wmv, .avi, .mov, .qt, .mov)
- Import **audio** (.mp3, .wma, .wav)
- Import **image** (.bmp, .gif, .jpg, .jpeg, .tif)
- Store to external file (**link** with project)
- **Organize** data
- Using **data which cannot be coded**  
(book, web page, hand written note)
- **Export result** (model, charts, query)
- **Export information** (charts in PDF format)
- Import and export **data for spreadsheet**, statistic software)
- Generate **report** (project summary, source summary,  
node summary, relationship summary, coding summary)



# Is NVivo right for you?

## Useful for data sets of

- various sizes, mixed media and mixed methods data,
- small or large team research projects
- cloud server functionality.

Broad capabilities and its **interface is user-friendly** relative to other similar programs.

Becoming an **industry standard** for archiving qualitative data



# REMEMBER

- **NVivo can do very little analysis for you,**  
and it relies heavily on user input
- **Learning NVivo takes work**  
(this workshop won't be enough!)
- **Organizing data into NVivo takes more work**
- **There may be easier solutions,**  
especially for simple tasks
- **Examining data through NVivo**  
**can limit your analytic frame**
- **NVivo is known to run slowly or crash,**  
especially on older computers
- **NVivo does not work without some plugin**  
installed properly



## Mengenal NVivo

**Welcome to the NVivo Trial**

You have 10 days until your trial expires.

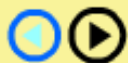
Select the edition that best suits your needs.

<b>NVivo Pro</b>	<b>NVivo Plus</b>
<p>Pro includes all the features of Starter with support for additional file types and advanced organizational, query and visualization tools. It's perfect for more complex research projects and for those working in small teams.</p> <ul style="list-style-type: none"><li>• Work with text, audio, video, images, spreadsheets, web and social media data.</li><li>• Use <b>powerful queries to ask complex questions</b> and identify meaning in your data.</li><li>• Create <b>visual maps</b> to brainstorm ideas and <b>analyze connections</b>.</li><li>• <b>Merge projects</b> and compare analysis of team members for consistency.</li></ul>	<p>The Plus edition includes all the features of Pro, plus innovative automated insights and social network analysis tools. It's perfect for gaining quick insights into larger amounts of data or to visualize, analyze and understand social network structures.</p> <ul style="list-style-type: none"><li>• <b>Efficiently work with larger amounts of data.</b></li><li>• <b>Discover emerging themes and sentiment</b> within your data in a matter of minutes.</li><li>• <b>Create social network visualizations</b> from social media or project data.</li><li>• <b>Discover critical network roles</b> like influencers, connectors and brokers through network metrics.</li></ul>

[View the Feature Comparison to learn more.](#)

Show this screen at next launch

Launch NVivo



File

# NVivo 12 Plus

Recent Projects

- Workshop NVivo 12  
D:\seminar\seminar2016\02 NVivo\Yai\Workshop NVivo 12.nvp
- Workshop NVivo  
E:\project2016.2017\sigit\Workshop NVivo.nvp
- Environmental Change Down East  
E:\project2016.2017\sigit\Sample Project (7).nvp
- workshopYai  
E:\project2016.2017\sigit\workshopYai.nvp
- Environmental Change Down East  
E:\project2016.2017\sigit\Sample Project (6).nvp

Open Other Project

Help  
Tutorials

New

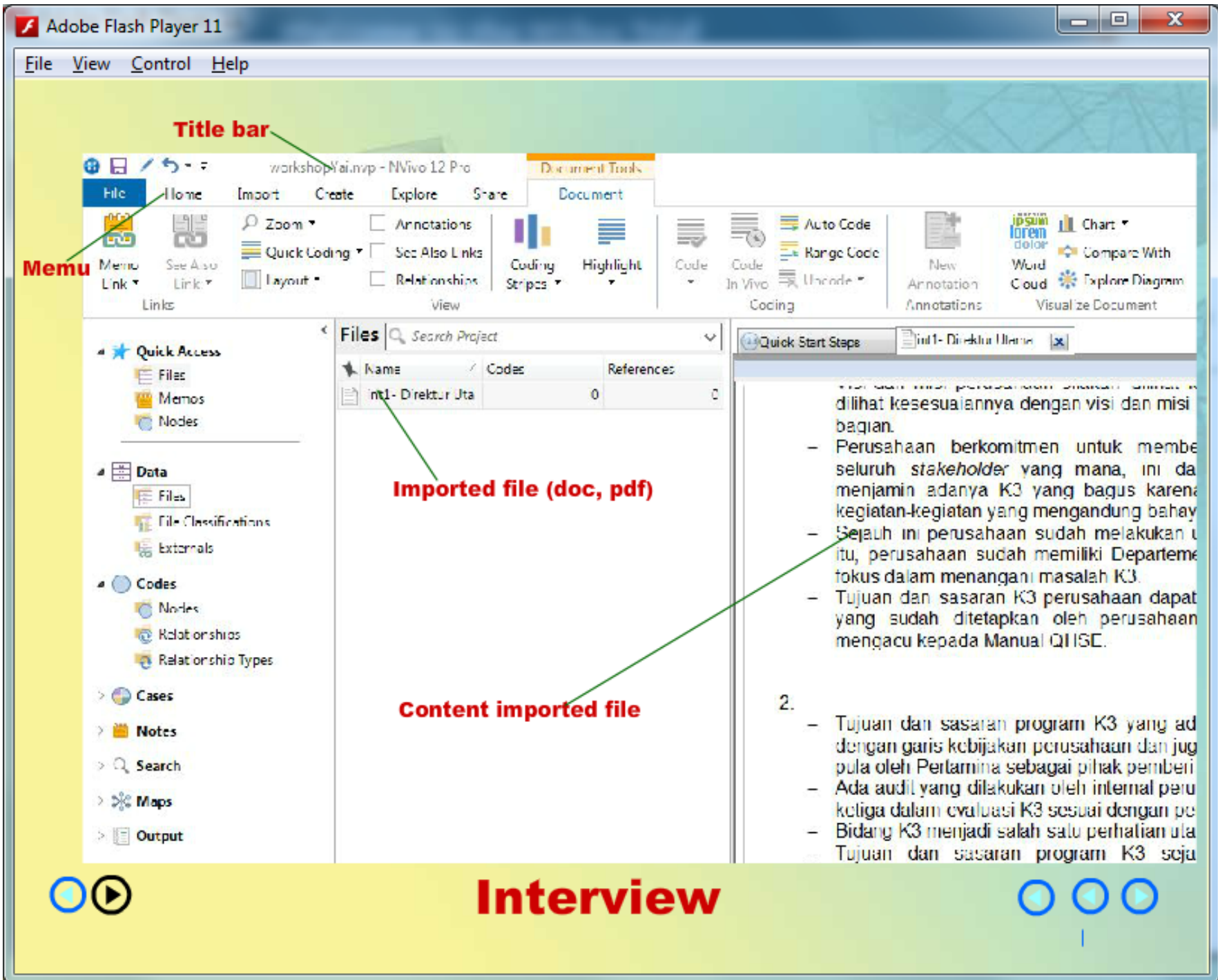
- Blank Project
- Sample Project
- Automated Insights Sample Project

The Learn and Connect files are currently unavailable



**First display**





## Important Tabs

### Home

code whole data files  
run basic queries  
generate visualisations  
create or import classifications

### Import

Import Word documents,  
PDFs, transcripts,  
datasets,  
audio and video files,  
classification sheets,  
academic articles  
reference library



### Create

create new files of data from scratch  
new nodes for organization and analysis  
new cases and classifications, and so on  
create “External” files  
(external data not suitable for importing,  
such as large video files or webpages.

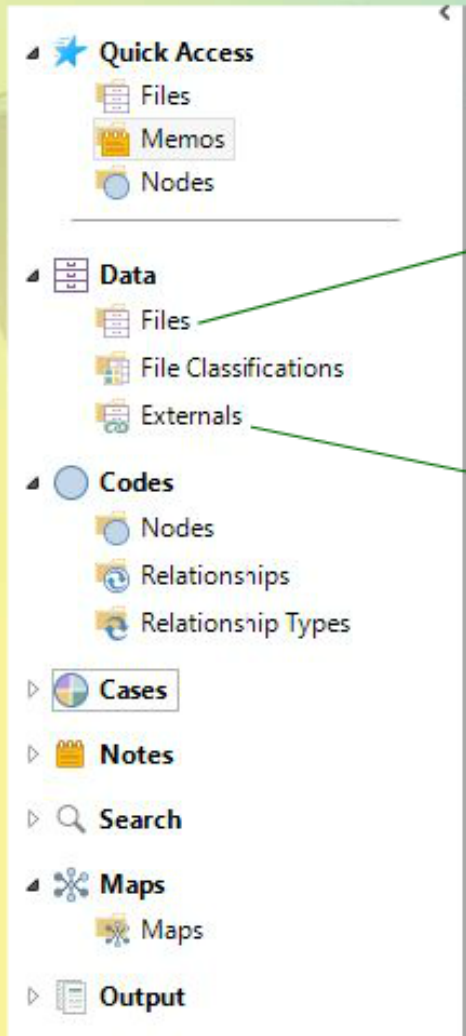
### Explore

run queries  
generate data visualisations and charts  
create project maps (such as mind maps).

### Share

create reports  
export and copy project  
print items and export items  
save in other applications





- Questionnaires
- Interviews (audio, video)
- Observations
- Notes
- Images

- Web site
- Book, Journal, Magazine
- Youtube
- Video

# Standard Options



Adobe Flash Player 11


File View Control Help

Files

Name	Codes	References	Modified On	Modified By	Classification
int1- Direktur Utama	0	0	12/21/2018 11:34 PM	AH	
ot1- Manajer Awak Mobil Tangai	0	0	12/22/2018 12:14 AM	AH	
q1- Pengemudi Tangki (Koordinator Kelompok 1)	0	0	12/22/2018 12:14 AM	AH	
ev2-input	0	0	12/22/2018 12:15 AM	AH	

modifier intial

**File Information**



Files

Name	Codes	References
ev2-input	0	0
int1- Direktur Utama	0	0
ob1-Manajemen Awak Mobil Tangk	0	0
q1-Pengemudi Tangki (Koordinator	0	0

int1- Direktur Utama | ev2-input

### A. EVALUASI INPUT

Untuk menggali info wawancara dengan :

- 1) Direksi Perusahaan (P  
Direktur Administrasi da  
Ruangan Direksi, Gedu  
Selatan.

**Imported file (doc, pdf)**

**Content imported file**



Sample Project (4)ump - N/W/12 Pro

Classification Tools

File Home Import Create Explore Share Classification

Name Hierarchical Name Transpose Move Column Left Move Column Right Hide & Unhide Sort & Filter Reset Settings New Attribute Attribute

Quick Access

- Files
- Menus
- Nodes

Data

- Files
  - Area and Township
  - Interviews
  - Literature
  - News Articles
  - Social Media
  - Survey
- File Classifications
- externals

Codes

Cases

Notes

Search

Maps

Output

### Interviews

Search Project

Name	Codes	References
Barbara	43	197
Betty and Paul	13	41
Charles	38	131
Dorothy	39	128
Helen	14	50
Ken	17	55
Margaret	35	78
Maria and Daniel	43	100
Mary and James	42	111
Paul and Patricia	35	101
Robert	31	98
Susan	47	110
Thomas	26	112
William	47	100

### Interview

	A - Interviewer	D - Date	C - Time
1 - Barbara	Henry	2/15/2009	12:00:00 PM
2 - Betty and Paul	Henry	2/23/2009	3:00:00 AM
3 - Charles	Linda	5/14/2009	10:00:00 AM
4 - Dorothy	Henry	4/21/2009	1:30:00 AM
5 - Helen	Henry	2/24/2009	4:00:00 AM
6 - Ken	Henry	2/10/2009	8:00:00 AM
7 - Margaret	Nancy	5/14/2009	10:30:00 AM
8 - Maria and Daniel	Elizabeth	2/10/2009	2:00:00 AM
9 - Mary and James	Henry	4/21/2009	3:30:00 AM
10 - Paul and Patricia	Henry	2/26/2009	1:00:00 AM
11 - Robert	Henry	4/14/2009	5:00:00 AM
12 - Susan	Nancy	5/11/2009	2:00:00 AM
13 - Thomas	Henry	5/4/2009	11:00:00 AM
14 - William	Henry	4/2/2009	9:30:00 AM

audio

video

text



Sample Project (4).nvp NVivo 12 Pro

**Audio Tools**

File Home Import Create Explore Save Audio

Zoom Quick Coding Waveform Annotations See Also Links Relationships Coding Stripes Highlight

Play Mode Loop Playback

Start Selection Finish Selection Play Selected Rows

Code In Vivo Coding

- Quick Access
- Files
  - Memos
  - Nodes

- Data
- Files
    - Area and Township
    - Interviews
    - Literature
    - News Articles
    - Social Media
    - Survey
  - File Classifications
  - Externals

- Codes
- Cases
- Notes
- Search
- Maps
- Output

Search Project

**Interviews**

Name	Codes	References
Barbara	43	197
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Helen	14	50
Ken	17	50
Margaret	35	78
Mark and Donnie	43	50
Mary and James	42	111
Richard and Patri	35	101
Robert	31	96
Susan	47	146
Thomas	28	112
William	47	106

Interview Helen Betty and Paul Ken

	Timespan	Text
1	0:00.0 - 0:30.0	Helen asks what is Helen's vision for the landscape Down Ca
2	0:30.0 - 1:00.0	She thinks that a balance is achievable between environment beauty and its importance to ecosystem services (nursery gro
3	1:00.0 - 1:30.0	Helen says that Down East needs to have an environmental optimistic that such a balance could be achieved, and what z
4	1:30.0 - 2:00.0	Helen responds that some developers have good visions for t
5	2:00.0 - 2:30.0	That said, Helen notes that some developers do come in, mak people, without caring about the impact of the development c
6	2:30.0 - 2:41.7	Helen added that these types of situations have led to some r



Audio



1 (0) avp - NVivo 12 Pro

Video Tools

Waveform  
 Video Player  
 Annotations  
 Coding Stripes  
 Highlight

Play Mode:

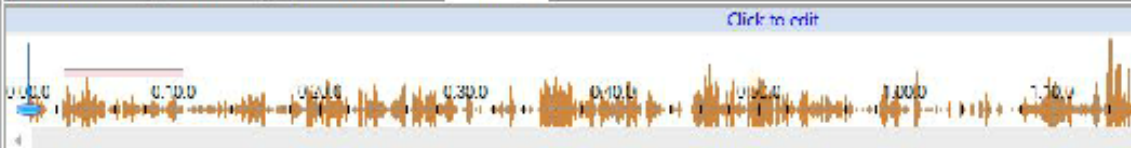
Auto Code  
 Range Code  
 UnCode  
 New Annotation  
 Word Cloud

Search Project

Interviews

Name	Codes	References
Barbara	45	197
Betty and Paul	13	41
Chades	38	134
Dorothy	39	128
Helen	24	50
Ken	17	56
Margaret	35	78
Marie and Denise	43	150
Mary and James	42	111
Richard and Pat	35	101
Robert	31	95
Susan	47	145
Thomas	28	112
William	47	105

Interview Helen Betty and Paul Ken



Timecode	Content
0:00:2 - 0:02:9	What are your favorite plac
0:02:9 - 0:13:1	Down East? I'd say Cedar I where I always grew up, a that...
0:13:3 - 0:15:1	Home
0:15:3 - 0:17:2	Home. It's my home. I've bo
0:17:2 - 0:23:8	This area this particular s nice spot. It'd be easy to se
0:23:9 - 0:32:3	Like I say, got a good access to the access down from n



Video



Qualitative Data Processing  
Using

# QUALITATIVE DATA PROCESSING

12



Enter



# New Project

**NVivo 12 Plus**

Recent Projects

- Workshop NVivo 12  
D:\seminar\seminar\2019\02\_NVivoYai\Workshop NVivo 12.nv
- Workshop NVivo  
E:\project20162017\yigit\Workshop NVivo.nv
- Environmental Change Down East  
E:\project20162017\yigit\Sample Project (7).nv
- workshopYai  
E:\project20162017\yigit\workshopYai.nv
- Environmental Change Down East  
E:\project20162017\yigit\Sample Project (6).nv

Open Other Project

Help  
Tutorials

**New**

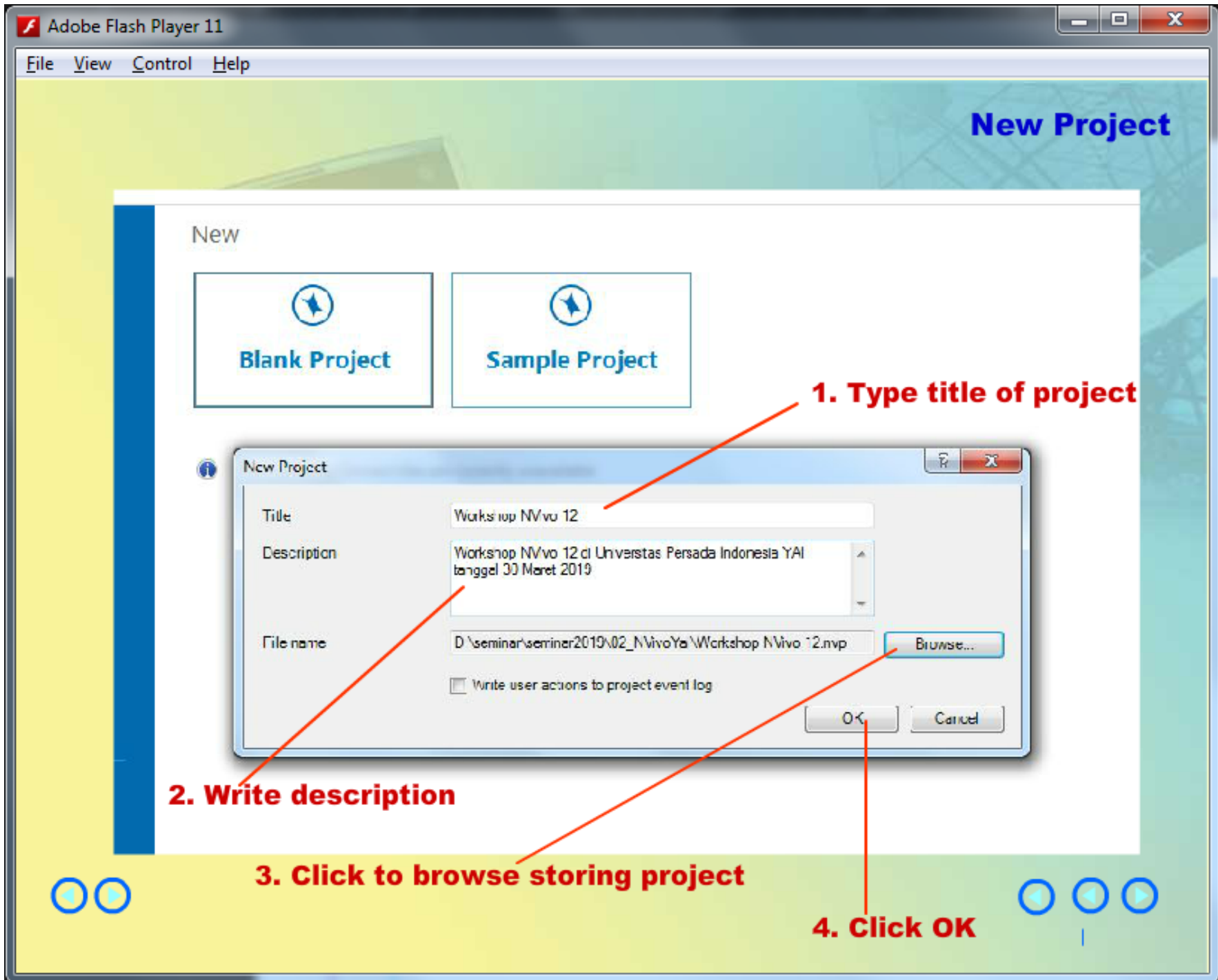
- Blank Project
- Sample Project
- Automated Insights Sample Project

Learn and Connect

- Get the most out of your data  
to be best in any point of view.
- Start your NVivo tutorial
- Courses, resources & support
- Deepen your learning with online courses & workshops
- Your automated transcription assistant - quick, easy, precise
- Request and vote for new NVivo features

Connect with us

Navigation arrows: left, right, and a vertical line below the right arrows.



# Import Document doc, docx, pdf

2. Click File

3. Select File

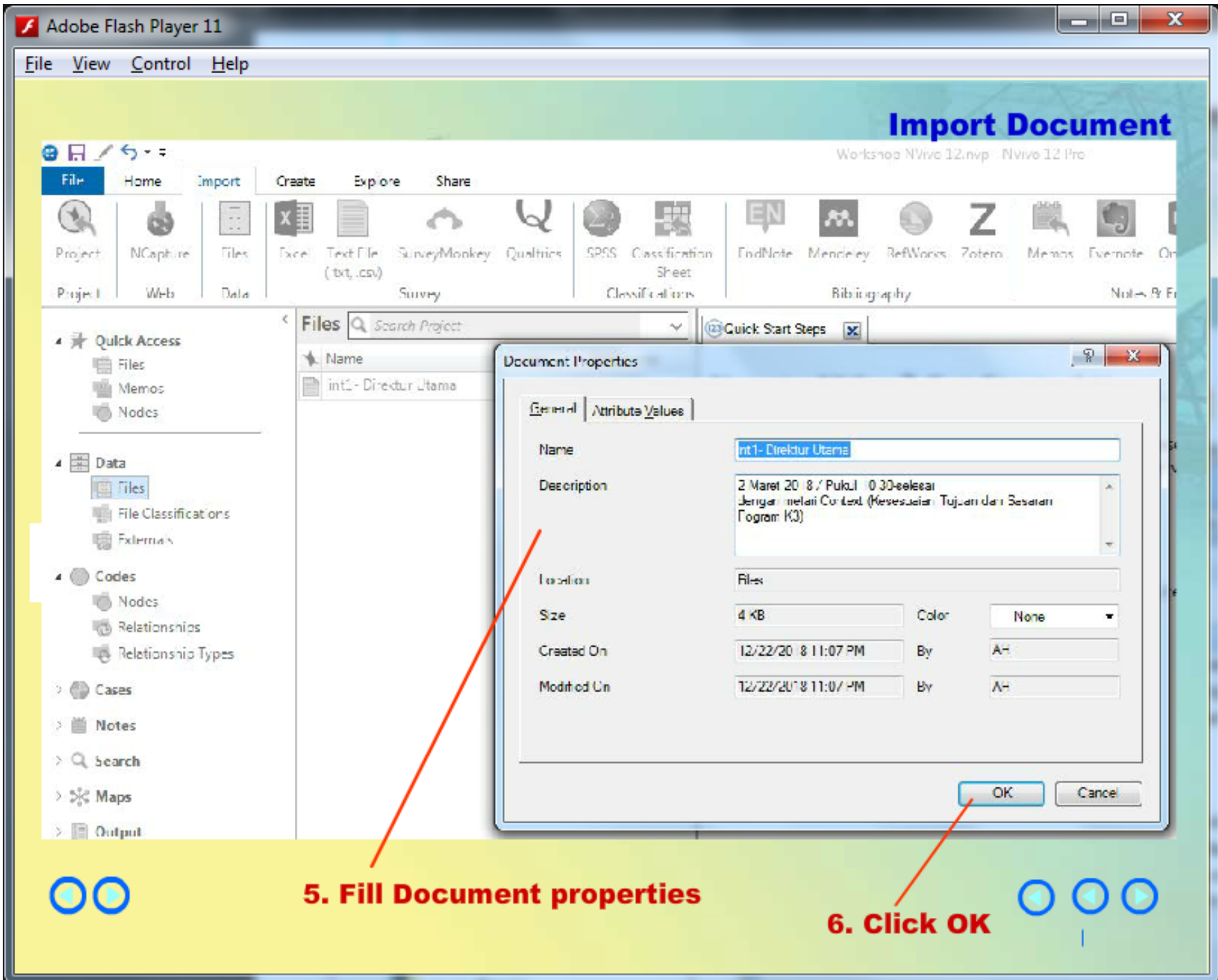
The screenshot shows the NVivo 12 Pro interface. The 'File' menu is open, and the 'Import' option is selected. An 'Import Files' dialog box is open, displaying a list of files in a folder named 'interview'. The file 'int1 - Direktur Utama.docx' is selected. The 'Open' button is highlighted.

Name	Date modified	Type	Size
int1 - Direktur Utama.docx	2/22/2019 10:04 PM	Microsoft Word D...	17 KB
int2 - Direktur Administrasi dan Keuanga...	2/22/2019 10:06 PM	Microsoft Word D...	16 KB
int3 - Direktur Operasi dan Marketing.docx	2/22/2019 10:07 PM	Microsoft Word D...	15 KB
int4 - Direktur Administrasi dan Keuanga...	2/22/2019 10:08 PM	Microsoft Word D...	16 KB
int5 - Manager HSE.docx	2/22/2019 10:09 PM	Microsoft Word D...	17 KB
int6 - Manager HRD.docx	2/22/2019 10:10 PM	Microsoft Word D...	17 KB
int7 - Manager ISF.docx	2/22/2019 10:11 PM	Microsoft Word D...	15 KB
int8 - Head of Operation (Kepala Unit Opc...	2/22/2019 10:12 PM	Microsoft Word D...	18 KB
int9 - Direktur Utama Operasi dan Marketi...	2/22/2019 10:13 PM	Microsoft Word D...	16 KB
int10 - Direktur Administrasi dan Keuanga...	2/22/2019 10:14 PM	Microsoft Word D...	19 KB
int11 - Direktur Operasi dan Marketing (M...	2/22/2019 10:15 PM	Microsoft Word D...	14 KB

3. Click Open

The screenshot shows the 'Import Files' dialog box with the file path: '2019\U2\_NVivoYai\workshopData\interview\int1 - Direktur Utama.docx'. The 'Import' button is highlighted.

4. Click Import



**5. Fill Document properties**

**6. Click OK**

# Import Document

Workshop NVivo 12.mvp - NVivo 12 Pro

File Home Import Create Explore Share

Project NCapture Files Excel Text File Survey/Monkey Qualtrics SPSS Classification Sheet EndNote Mendeley RefWorks Zotero Memos Evernote

Project Web Data Survey Classifications Bibliography Notes & I

### Quick Access

- Files
- Memos
- Nodes

### Data

- Files
- File Classifications
- Externals

### Codes

- Nodes
- Relationships
- Relationship Types

### Cases

### Notes

### Search

### Maps

Files Search Project

Name	Codes	References
int1- Direktur Utama	0	0

**Imported document  
Double click**

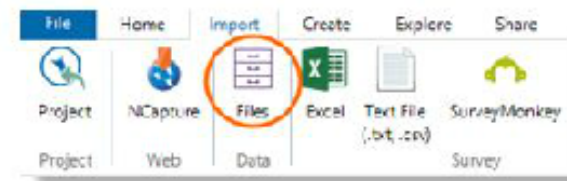
### Quick start Steps

## New to NVivo? Get Started Here.

Here is one example of how you can get started. I follow the how to bring in a document, code content, view coding and word cloud.

### 1. Bring in a Document

Click the **Import** tab, and then click **Files** and select any t computer.



Your document is imported into the Files folder.



**.doc File**

**Import Document**

int - Direktur Utama (2)

- Visi dan misi perusahaan (EPN) disesuaikan dengan visi misi Holding Company (Elnusa Group) sehingga semua program dan keputusan yang memiliki visi dan misi sendiri harus diartikan pada visi dan misi perusahaan induk.
- Direksi berkewajiban untuk menjaga visi dan misi perusahaan dijalankan dalam arti dalam seluruh program yang ada di masing-masing divisi/bagian disesuaikan dengan visi dan misi perusahaan
- Sejalan ini program-program yang ada disetiap bagian sudah sama dengan visi dan misi perusahaan walaupun implementasinya masih perlu penyesuaian kembali.

int - Direktur Utama (2)

- Visi dan misi perusahaan (EPN) disesuaikan dengan visi misi Holding Company (Elnusa Group) sehingga semua program dan keputusan yang memiliki visi dan misi sendiri harus diartikan pada visi dan misi perusahaan induk.
- Direksi berkewajiban untuk menjaga visi dan misi perusahaan dijalankan dalam arti dalam seluruh program yang ada di masing-masing divisi/bagian disesuaikan dengan visi dan misi perusahaan
- Sejalan ini program-program yang ada disetiap bagian sudah sama dengan visi dan misi perusahaan walaupun implementasinya masih perlu penyesuaian kembali.
- Visi dan misi perusahaan silakan dilihat ke website perusahaan dan dapat dilihat kesesuaiannya dengan visi dan misi program yang ada di setiap divisi / bagian.
- Perusahaan berkomitmen untuk memberikan pelayanan prima kepada seluruh *stakoholder* yang mana, ini dapat dicapai apabila perusahaan menjamin adanya K3 yang bagus karena kegiatan perusahaan termasuk kegiatan-kegiatan yang mengandung bahaya tinggi.
- Sejalan ini perusahaan sudah melakukan upaya-upaya dalam hal K3 untuk itu, perusahaan sudah memiliki Departemen K3 (HSE) tersendiri agar lebih fokus dalam menangani masalah K3



**.pdf File**



# Organizing Instrument

- designed before conducting research
- easy to understand
- easy in coding process

question

The screenshot shows a software interface with a 'Files' panel on the left and a main content area on the right. The 'Files' panel contains a table with columns for Name, Codes, and Referen. The main content area displays a question and its corresponding answer.

Name	Codes	Referen
Anna	0	0
Bernad	0	0
Fredric	0	0
Grace	0	0
Ken	0	0
Mary	0	0
Nick	0	0
Phoeb	0	0
Sunil	0	0

**Q.1 Current use of time**  
*In an "ordinary" week, how do you currently spend your time?  
(What takes most time, how much time spent on work, family, leisure etc ...?)*  
I am still studying so an ordinary week for me is mainly spent studying and working part time. I spend about 32 hours a week at work, 6 contact hours at university, and I spend my weekends and evenings studying. I also play Netball and attend a Yoga class of an evening once a week.

**Q.1a Feelings about current time use?**  
*(How do you feel about your time use now? Does it fit with your goals? Are there other things you'd like to fit in?)*  
Look, it's as effective as it can possibly be given my current commitments. I do wish I had more leisure time to spend with my friends and family and my partner. I also wish I had time to take dancing classes and learn a second language, but these things will need to wait until I have completed my course.



answer



# Proper Interview Instrument

Name	Codcs	Referen
es1-konteks	0	0
int1- Direktur Utama	0	0
int1- Direktur Utama - rev	0	0
int1- Direktur Utama (?)	0	0
ob1-Manajemen Awak Mobil Tangki	0	0
q1-Pengemudi Tangki (Koordinator	0	0

**Q1**

Bagaimana Visi dan Misi Program K3 yang ada di perusahaan dan apa dasar penentuan Visi dan Misi Program K3 tersebut?

- Visi dan misi perusahaan (LPN) disesuaikan dengan visi misi Holding Company (Finusa Group) sehingga semua program dan keputusn yang memiliki visi dan misi sendiri harus diartkan pada visi dan misi perusahaan induk
- Direksi berkewajiban untuk menjaga visi dan misi perusahaan dijalankan dalam arti dalam seluruh program yang ada di masing-masing divisi/bagian disesuaikan dengan visi dan misi perusahaan
- Sejaht ini program-program yang ada diseliap bagian sudah sama dengan visi dan misi perusahaan walaupun implementasinya masih perlu penyesuaian kembali.

**question number**

**question**

**answer**



**Proper interview document**

**better display**

**Files**

Name	Codins	Referen
ev1 - konteks	0	0
int1 - Direktur Utama	0	0
int1 - Direktur Utama - rev	0	0
int1 - Direktur Utama - revLeft	0	0
int1 - Direktur Utama (2)	0	0
nh1 - Manajemen Awak Moli Tanqli	0	0
ql - Pencemudi Tanqli (Koordinator	0	0

int1 - Direktur Utama    int1 - Direktur Utama - rev    int1 - Direktur Utama - revLeft   

[Click to edit](#)

**Tanggal/Jam : 2 Maret 2018 / Pukul 10.30-selesai**

**Materi/Aspek : Context (Kesesuaian Tujuan dan Sasaran Pogram K3)**

**Interviewee : Direktur Utama**

**Q1**

**Bagaimana Visi dan Misi Program K3 yang ada di perusahaan dan apa dasar penentuan Visi dan Misi Program K3 tersebut ?**

- Visi dan misi perusahaan (FPN) disesuaikan dengan visi misi Holding Company (Elnusa Group) sehingga semua program dan keputusan yang memiliki visi dan misi sendiri harus diartikan pada visi dan misi perusahaan induk.
- Direksi berkewajiban untuk menjaga visi dan misi perusahaan dijalankan dalam arti dalam seluruh program yang ada di masing masing divisi/bagian disesuaikan dengan visi dan misi perusahaan
- Sejahter program-program yang ada diselip bagian sudah sama dengan visi dan misi perusahaan walaupun implementasinya masih perlu penyesuaian kembali.

**not right justified**

**not right justified**



**not fixed because of using auto numbering**



Import Document

# Another Documents

Workshop NVivo 12.nvp - NVivo 12 Pro

PDF Tools

File Home Import Create Explore Share PDF

Project NCapture Files Excel Text File (.txt, .csv) SurveyMonkey Qualtrics SPSS Classificati Sheet

Project Web Data Survey Classifications

Quick Access

- Files
- Memos
- Nodes

Data

- Files
- File Classifications
- Externals

Name	Codes	References
ev1-konteks	0	0
int1- Direktur Utama	0	0
int1- Direktur Utama (2)	0	0
ob1-Manajemen Awak Mo	0	0
q1-Pengemudi Tangki (Ko	0	0

note of research

observation

questionnaire

interview



# Memo

## - Additional information of a document

Name	Codes	Referen
sv1_konteks	0	0
int1- Direktur Utama	0	0
int1- Direktur Utama - rev	0	0
int1- Direktur Utama - rev1.ett	0	0
<b>int1- Direktur Utama (2)</b>	0	0
ob1_Managemen Awak Mobil Tangla	0	0
q1-Pengemudi Tangki [Koordinator	0	0

Click to edit

dengan garis kebijakan perusahaan dan juga holding Company bahkan dinilai pula oleh Pertamina sebagai pihak pemberi kerja kepada EPN.

- Ada audit yang dilakukan oleh internal perusahaan dan didampingi oleh pihak ketiga dalam evaluasi K3 sesuai dengan persyaratan.
- Bidang K3 menjadi salah satu perhatian utama perusahaan.
- Tujuan dan sasaran program K3 sejauh ini sudah tercapai, adanya masalah-masalah lebih dikarenakan faktor SDM bukan hal teknis.
- Pengemudi menjadi garda terdepan dalam mengawal tercapai tujuan K3, perusahaan dalam hal kompetensi perusahaan sebagai salah satu distributor BBM dan gas.

**Q3**

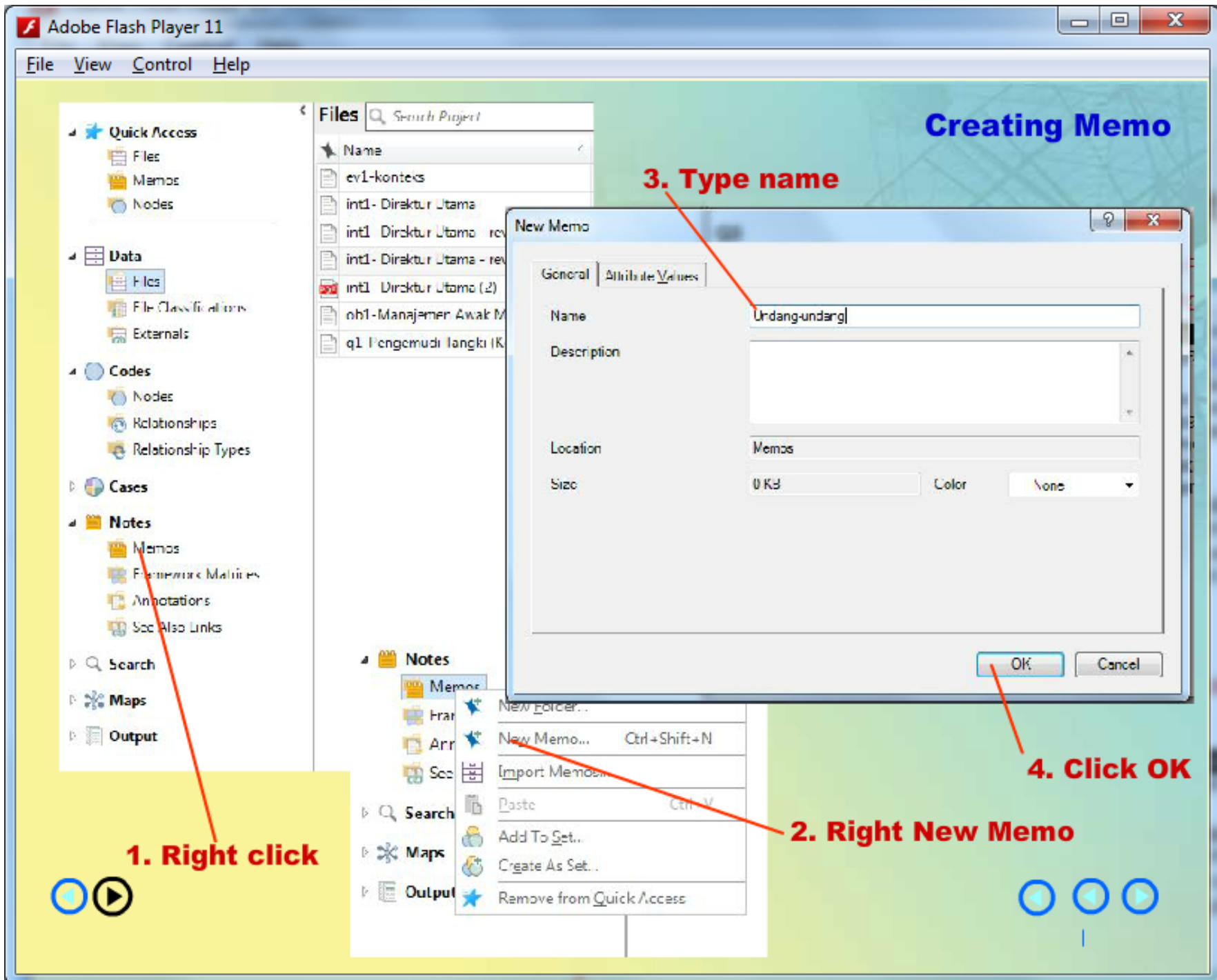
Apakah Kebijakan Perusahaan yang terkait dengan Program K3 sudah sesuai dengan tuntutan dan kebutuhan pemangku kepentingan ?

- Perusahaan memiliki kebijakan khusus dalam masalah K3 sesuai dengan tuntutan aturan perundang-undangan dan juga sesuai dengan permasalahan bisnis perusahaan.
- Kebijakan K3 perusahaan telah ditetapkan (diresmikan) dan sampai sekarang dinilai yang terbaru → Terdapat di Manual QHSF
- Kebijakan K3 ini diharapkan dapat mengakomodir tuntutan bisnis dan kepentingan semua pihak termasuk masyarakat dan jika ada kebijakan yang kurang tepat selalu dievaluasi setiap saat agar *up to date*

**document that needs memo**

**part of important document**





# Creating Memo

3. Type name

**New Memo**

General | Attribute Values

Name: Undang-undang

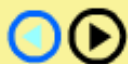
Description:

Location: Memos

Size: 0 Kd | Color: None

OK | Cancel

1. Right click



2. Right New Memo

4. Click OK



# Creating Memo

3. Type name

Workshop NVivo 12.rvp NVivo 12 Pro

Memo Tools

File Home Import Create Explore Share Memo Edit

Zoom Annotations Quick Coding Layout Relationships Coding Stripes Highlight Code Code In Vivo Range

Links

Quick Access

- Files
- Memos
- Nodes

Data

- Files
- File Classifications
- Externals

Memos

Name	Codes	References
Undang-undan	0	0

Files

Name	Codes
cv1 konteks	0
int1- Direktur Utama	0
int1- Direktur Utama - rev	0
int1- Direktur Utama - real left	0
int1- Direktur Utama (2)	0
cb1- Manajemen Arak Mobil Tangki	0
cb1- Pengemudi Tangki (Koordinator	0

Files Search Project

Name	Codes	References
cv1 konteks	0	0
int1- Direktur Utama	0	0
int1- Direktur Utama - rev	0	0
int1- Direktur Utama - real left	0	0
int1- Direktur Utama (2)	0	0
cb1- Manajemen Arak Mobil Tangki	0	0
cb1- Pengemudi Tangki (Koordinator	0	0

- Code...
- Code to Recent Nodes...
- Auto Code...
- Range Code...
- Unlink...
- Unlink from Recent Nodes...
- Open Document...
- Export
- Print
- Open Classification Sheet
- Cut
- Copy
- Delete
- Memo Link
- Copy As...
- Add To Set...
- Query
- Visualize
- Document Properties...
- Color
- Classification
- Add to Quick Access

4. Right Files

5. Right Click

6. Right click Memo Link



Adobe Flash Player 11

File View Control Help

## Creating Memo

Files

Select Project Item

Name	Created	Modified
Undang undang	12/23/2018 11:01 PM	12/23/2018 11:40 PM

7. Click Link to Existing Memo

8. Type name

9. Click OK

# Annotation

## 2. Select text

**Files**

Name	Codes	Referen
ev1-konteks	0	0
int1- Direktur Utama	0	0
int1- Direktur Utama - rev	0	0
int1- Direktur Utama - revLeft	0	0
int1- Direktur Utama (2)	0	0
cb1- Manajemen Awak Mobil Tangki	0	0
q1- Pengetahuan Teoritis (Koordinasi)	0	0

int1- Direktur Utama    int1- Direktur Utama - rev    int1- Direktur Utama - revLeft                     

Click to edit

...  
 - Sejahtera ini perusahaan sudah melakukan upaya-upaya dalam hal K3 untuk itu, perusahaan sudah memiliki Departemen K3 (HSE) tersendiri agar lebih fokus dalam menangani masalah K3.  
 - Tujuan dan sasaran K3 perusahaan dapat dipelajari didalam Manual QHSE yang sudah ditetapkan oleh perusahaan, sehingga proses kegiatan K3 mengacu kepada Manual QHSE.

**Q2**

- Tujuan dan sasaran K3 perusahaan dapat dipelajari didalam Manual QHSE yang sudah ditetapkan oleh perusahaan, sehingga proses kegiatan K3 mengacu kepada Manual QHSE

- Code...    Ctrl+F2
- Code to Recent Nodes    ▶
- Code In View    Ctrl+I+V
- Uncode...    Ctrl+Shift+F2
- Uncode from Recent Nodes    ▶
- New Annotation**    **Ctrl+Shift+A**
- Edit    Ctrl+I
- Export Document...    Ctrl+Shift+E
- Print    Ctrl+P
- Cut    Ctrl+X
- Copy    Ctrl+C
- Paste    Ctrl+V
- Paste As See Also Link
- Delete    De
- Select All    Ctrl+A
- Links    ▶
- Document Properties...    Ctrl+Shift+P

**1. Double click document**

...van dengan tuntutan dan mewujudkan tujuan dan sasaran

...ama ini dinilai sudah sesuai Holding Company bahkan beri kerja kepada EPN. ...haan dan didampingi oleh pihak ...varatan. ...a perusahaan.

**3. Right click**

**4. Select New Annotation**



## Creating Annotation

Files 

Name	Codes	Referen
cv1-kontaks	0	0
int1-Direktur Utama	0	0
int1-Direktur Utama - rev	0	0
int1-Direktur Utama - rev1 eff	0	0
int1-Direktur Utama (2)	0	0
oc1-Manajemen Awak Mobil Tangki	0	0
q1-Perencanaan Tangki (Koordinator	0	0

int1- Direktur Utama int1- Direktur Utama - rev int1- Direktur Utama - rev1 eff x Undang-undang

Click to edit

- Sejauh ini perusahaan sudah melakukan upaya-upaya dalam hal K3 untuk itu, perusahaan sudah memiliki Departemen K3 (HSE) tersendiri agar lebih fokus dalam menangani masalah K3
- Tujuan dan sasaran K3 perusahaan dapat dipelajari didalam Manual QHSE yang sudah ditetapkan oleh perusahaan, sehingga proses kegiatan K3 mengacu kepada Manual QHSE

Q2

Apakah Tujuan dan Sasaran Program K3 sudah relevan dengan tuntutan dan kebutuhan pemangku kepentingan dan bagaimana mewujudkan tujuan dan sasaran program K3 tersebut ?

- Tujuan dan sasaran program K3 yang ada selama ini dinilai sudah sesuai dengan garis kebijakan perusahaan dan juga Holding Company bahkan dinilai pula oleh Pertamina sebagai pihak pemberi kerja kepada FPN
- Ada audit yang dilakukan oleh internal perusahaan dan didampingi oleh pihak ketiga dalam evaluasi K3 sesuai dengan persyaratan.
- Bidang K3 menjadi salah satu perhatian utama perusahaan.
- Tujuan dan sasaran program K3 sejauh ini sudah tercapai, adanya masalah masalah lebih dikarenakan faktor SDM bukan hal teknis.
- Pengemudi menjadi garda terdepan dalam mengawal tercapai tujuan K3, perusahaan dalam hal kompetensi perusahaan sebagai salah satu distributor BDM dan gas.

Annotations

Item	Content
1	Manual QHSE was published on 1 October 2016, and revised on 4 December 2017. The manual declared that .....



5. Type annotation



# Creating Annotation

Files

Name	Codes	Referensi
ex2-konteks	0	0
int1- Direktur Utama	0	0
int1- Direktur Utama - rev	0	0
int1- Direktur Utama - revLeft	0	0
<b>int1- Direktur Utama (2)</b>	0	0
ob1- Manajemen Awak Mobil Tongki	0	0
q1- Pengemudi Jangka (Koordinator	0	0

int1- Direktur Utama | int1- Direktur Utama - rev | int1- Direktur Utama - revLeft | Undang undang

Click to edit

- Sejahtera ini perusahaan sudah melakukan upaya-upaya dalam hal K3 untuk itu, perusahaan sudah memiliki Departemen K3 (HSE) tersendiri agar lebih fokus dalam menangani masalah K3.
- Tujuan dan sasaran K3 perusahaan dapat dipelajari didalam Manual QHSE yang sudah ditetapkan oleh perusahaan, sehingga proses kegiatan K3 **mengacu kepada Manual QHSE**

**Q2**

Apakah Tujuan dan Sasaran Program K3 sudah relevan dengan tuntutan dan kebutuhan pemangku kepentingan dan bagaimana mewujudkan tujuan dan sasaran program K3 tersebut ?

- Tujuan dan sasaran program K3 yang ada selama ini dinilai sudah sesuai dengan garis kebijakan perusahaan dan juga Holding Company bahkan dinilai pula oleh Pertamina sebagai pihak pemberi kerja kepada EPN.
- Ada audit yang dilakukan oleh internal perusahaan dan didampingi oleh pihak ketiga dalam evaluasi K3 sesuai dengan persyaratan.
- Didang K3 menjadi salah satu perhatian utama perusahaan.
- Tujuan dan sasaran program K3 sejauh ini sudah tercapai, adanya masalah masalah leibh dikarenakan faktor SDM bukan hal teknis.
- Pengemudi menjadi garda terdepan dalam mengawal tercapai tujuan K3, perusahaan dalam hal kompetensi perusahaan sebagai salah satu distributor BHM dan gas

**6. Text become to be highlighted**

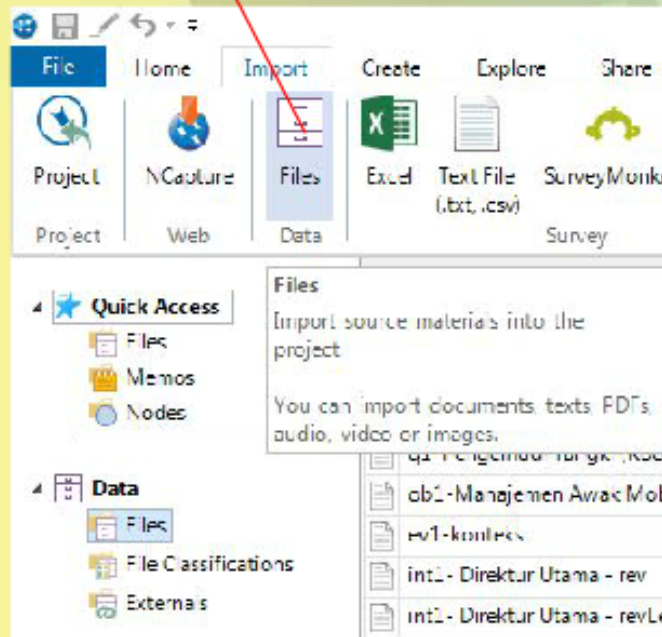
Annotations

Item	Content
1	Manual QHSE was published on 3 October 2006, and revised on 4 December 2017. The manual declared that .....

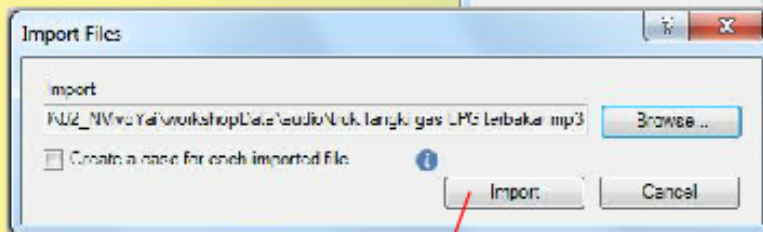
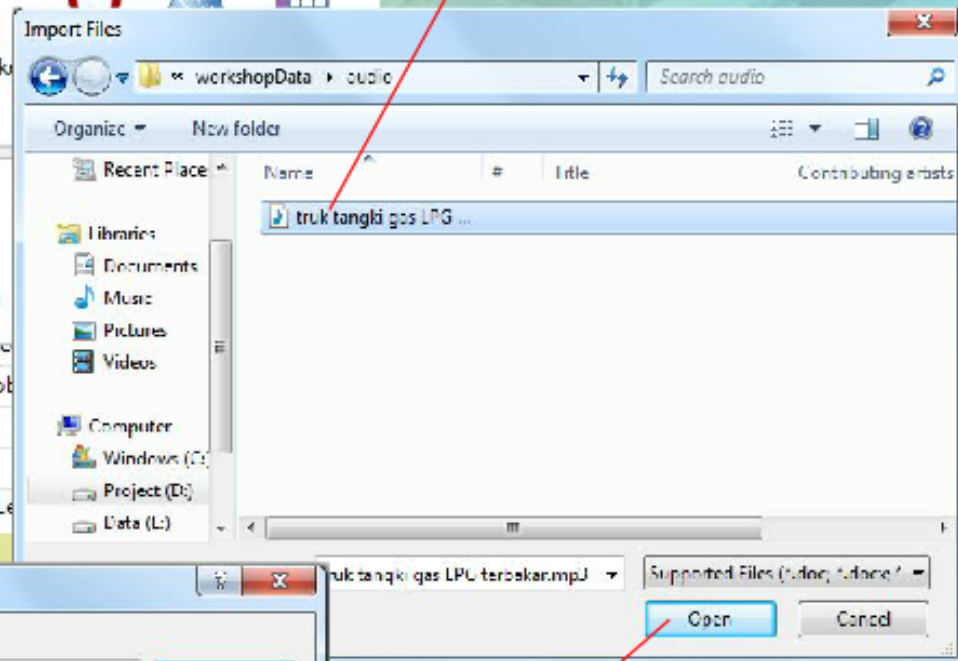


# Import Audio

1. Click Files



2. Select file



4. Click Import

3. Click Open



# Import Audio

**5. Fill Name**

Audio Properties

General Audio Attribute Values

Name: truk tangki gas LPG terbakar

Description: Audio kecelakaan tangki gas yang b

Location: Files

Size: 2 MB Color: None

Created On: 12/24/2010 7:40 PM Dy: A-

Modified On: 12/24/2018 7:40 PM by: A-

OK Cancel

Files

Name	Codes	Reference
int1- Direktur Utama	0	
int1- Direktur Utama (2)	0	
q1-Pengemudi Tangki (Koordinator Kelompok 1)	0	
ob1-Manajemen Awak Mobil Tangki	0	
ev1-konteks	0	
int1- Direktur Utama - rev	0	
int1- Direktur Utama - revLeft	0	
truk tangki gas LPG terbakar	0	

**7. Double Click**

**6. Click OK**



# Import Audio

8. Click Play

Workshop NVivo 12.nvp - NVivo 12 Pro

Audio Tools

File Home Import Create Explore Share Audio

Memo Link See Also Link

Zoom Annotations Quick Coding Waveform

See Also Links Relationships Coding Stripes Highlight

Play Mode Loop Playback

Stop Play / Pause

## Quick Access

- Files
- Memos
- Nodes

## Data

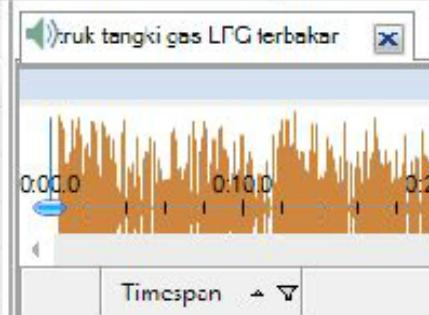
- Files
- File Classifications
- Externals

## Codes

- Nodes
- Relationships
- Relationship Types

Files Search Project

Name	Codes	Referen
ev1-konteks	C	0
int1- Direktur Utama	C	0
int1- Direktur Utama - rev	C	0
int1- Direktur Utama - revLeft	C	0
int1- Direktur Utama (2)	C	0
ob1-Manajemen Awak Mobil tangk	C	0
q1-Pengemudi Tangki (Koordinator	C	0
truk tangki gas LPG terbakar	C	0



audio



# Create transcript

Volume

5. Click Play

Code	Ref	Time	Text
0	0	0:00.0 - 0:20.0	Mobil truk tangki terbakar karena ban pecah
1	0	0:52.7 - 1:03.6	Mobil pemadam kebakaran memadamkan api Jalan ditutup oleh polisi



9. Identify frame

10. Type transcript



1. Click Files

# Import Video

The screenshot shows the software's main interface with a menu bar at the top containing 'File', 'View', 'Control', and 'Help'. Below the menu bar is a toolbar with various icons. The 'Import' icon, which looks like a folder with a plus sign, is highlighted with a red arrow pointing to it. The toolbar also includes icons for Project, NCapture, Files, Excel, Text File, SurveyMonkey, Qualtrics, SPSS, Classification Sheet, EndNote, Mendeley, RefWorks, Zotero, Memos, Evernote, OneNote, and Outlook.

This screenshot shows a file explorer window titled 'Import Files' with the path 'workshopData > video'. The file list contains several folders and files, including '02\_kontaks', '01-1- Direktur Utama', and '02-1- Manajemen Awak Mobil Tangki'. The file '02-1- Manajemen Awak Mobil Tangki' is selected. A red box highlights the file, with a red arrow pointing to it from the text '2. Select file'.

2. Select file

This screenshot shows the 'Import Files' dialog box. The file path '02\_NVivoYai\workshop Data\video\trukPengangkutLpjTerperosok.mp4' is entered in the text field. The 'Import' button is highlighted with a red arrow pointing to it from the text '4. Click Import'.

4. Click Import

This screenshot shows the bottom of the file explorer dialog box. The 'Open' button is highlighted with a red arrow pointing to it from the text '3. Click Open'.

3. Click Open



# Import Video

## 5. Fill Name

**Video Properties**

General | **Video** | Attribute Values

Name: truk-pengangkutLajjTerperosok

Description: Video truk pengangkut LPJ terpe

Location: Files

Size: 7 ME

Created On: 12/24/2018 8:48 PM By: AH

Modified On: 12/24/2018 8:48 PM By: AH

OK Cancel

Files

Name	Codec	Balance
001-kecilku	0	0
int1-DirektorUtama	0	0
int1-DirektorUtama-new	0	0
int1-DirektorUtama-newLeft	0	0
int1-DirektorUtama (2)	0	0
001-ManagementAksesMobiTangh	0	0
01-ProgramalTangh(BisaEnatin)	0	0
truk-pengangkut LPJ terpe	0	0
truk-PengangkutLajjTerperosok	0	0

truk-pengangkut LPJ terpe

truk-PengangkutLajjTerperosok



## 7. Double Click

## 6. Click OK



### 9. Click Play

### Import Video

The screenshot shows the Adobe Flash Player 11 interface. At the top, there is a menu bar with 'File', 'View', 'Control', and 'Help'. Below the menu bar is a toolbar with various video control icons. A red arrow points from the text '9. Click Play' to the 'Play/Pause' button in the toolbar. Below the toolbar is a 'Files' panel with a search bar and a table of files. The table has columns for 'Name', 'Codes', and 'Referen'. The file 'truk tangki gas LPG terbakar' is selected. Below the files panel is a video player window. The video player has a progress bar at the top and a video frame below. A red arrow points from the text '8. Click Image' to the video frame. The video frame shows a yellow truck with a crane arm and a green truck with a trailer. The trailer has text on it: 'BUPU PERTAMINA PT. MELIA BINTAN SEJANTERA'.

Name	Codes	Referen
ev1-kon teks	0	0
int1- Direktur Utama	0	0
int1- Direktur Utama - rev	0	0
int1- Direktur Utama - rev Left	0	0
int1- Direktur Utama (?)	0	0
ob1- Manajemen Awak Mobil Tangki	0	0
q1- Pengemudi Tangki (Kordinator	0	0
truk tangki gas LPG terbakar	0	0
truk Pengangkut LPG Terperosok	0	0



### 8. Click Image



# Import Video

## 10. Click Edit to create transcript

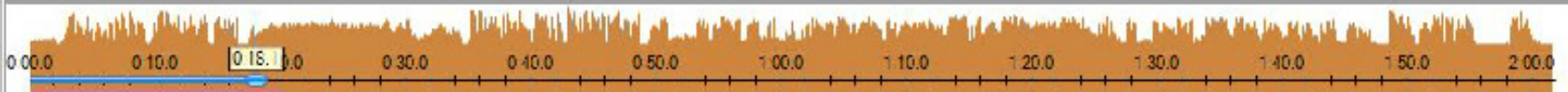
The screenshot displays the Adobe Flash Player 11 interface. At the top, there is a menu bar with 'File', 'View', 'Control', and 'Help'. Below the menu bar is a toolbar with various video control icons. A red arrow points from the text '10. Click Edit to create transcript' to the 'Click to edit' button in the video player interface. The video player shows a waveform and a progress bar. Below the video player is a list of files with columns for Name, Codes, and Heteron.

Name	Codes	Heteron
ev1-konteks	0	0
int1- Direktur Utama	0	0
int1- Direktur Utama - rev	0	0
int2- Direktur Utama - revLeft	0	0
int2- Direktur Utama (2)	0	0
ob1- Manajemen Awak Mobil Tangki	0	0
q1- Pengemudi Tangki (Kordinator	0	0
truk tangki gas LPG terbakar	0	0
trukPengangkutLp;Terperosa	0	0




# Create transcript

Truk pengangkut IPI terbakar | Truk Pengangkut IPI Terperosok



0:00.0 0:10.0 0:15.1 0:30.0 0:40.0 0:50.0 1:00.0 1:10.0 1:20.0 1:30.0 1:40.0 1:50.0 2:00.0

	Timespan	Content
1	0:00.0 - 0:15.1	Truk IPI terperosok di pinggi jalan Kabupaten Bintan
X		



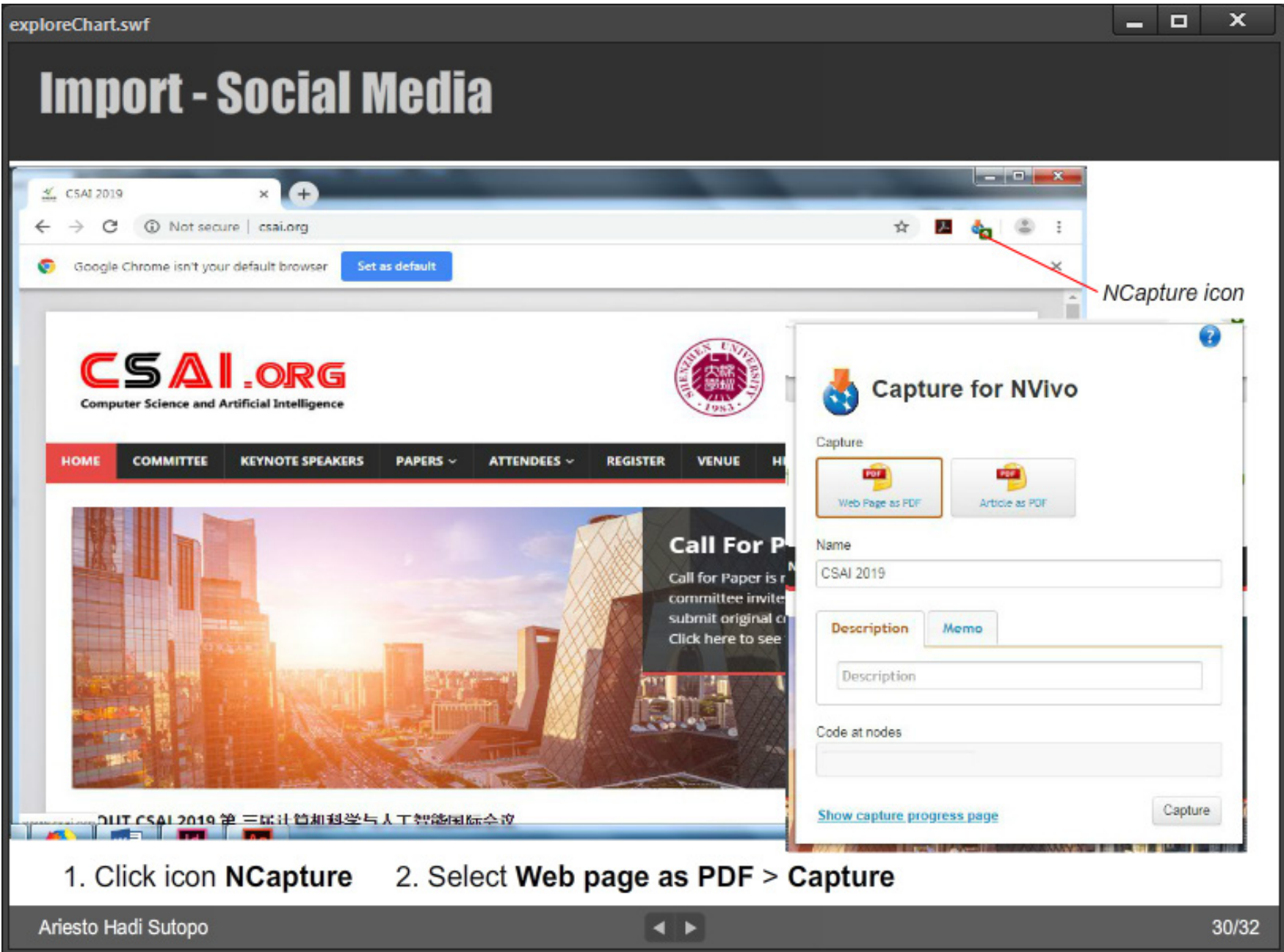
**11. Identify frame**

**12. Type transcript**



exploreChart.swf

# Import - Social Media



CSAI 2019

Not secure | csai.org

Google Chrome isn't your default browser [Set as default](#)

**CSAI.ORG**  
Computer Science and Artificial Intelligence

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committee invite  
submit original o  
Click here to see

**Capture for NVivo**

Capture

Web Page as PDF Article as PDF

Name  
CSAI 2019

Description Memo

Description

Code at nodes

[Show capture progress page](#) Capture

1. Click icon **NCapture**    2. Select **Web page as PDF > Capture**

Ariesto Hadi Sutopo

30/32

**using NCapture**

# Import - Social Media

The screenshot shows the 'Import From NCapture' dialog box with the following details:

- Import From:** D:\seminar\seminar2019\02\_NVivoYa\datapelat\hannivo
- Select captures to import:**
  - All captures not previously imported
  - All captures
  - Selected captures
- Table:**

File Name	Captured On	Captured From	Previously Imported
CSAI 2019	06/08/2019 12:45 AM	http://csei.org/	<input checked="" type="checkbox"/>

The 'Interviews' list on the right side of the interface contains the following entries:

Name	Codes
Barbara	
Betty and Paul	
Charles	
CSAI 2019	
Dorothy	
Helen	
Ken	
Margaret	
Maria and Daniel	
Mary and James	
Richard and Patricia	
Robert	
Susan	
Thomas	

3. Click import, then click icon **NCapture**
4. Select "CSAI", then click **Import**
5. "CSAI 2019", at **List View**
6. PDF text at **Display View**

# Import - Social Media

Search Project

**Interviews**

Name	Codes	References
CSAI 2019	0	0
Betty and Paul	13	41
Helen	14	50
Ken	17	56
Thomas	28	112
Robert	31	96
Margaret	35	78
Richard and Patricia	35	101
Charles	38	134
Dorothy	39	128
Mary and James	42	111
Barbara	43	197
Maria and Daniel	43	150
Susan	47	146
William	47	106

CSAI 2019



**ANNOUNCEMENTS 会议公告**

**May 28, 2019**  
Keynote speakers are announced. ([Click](#))

**April 1, 2019**  
CSAI 2018 proceedings are indexed by [Ei Compindex & Scopus](#).

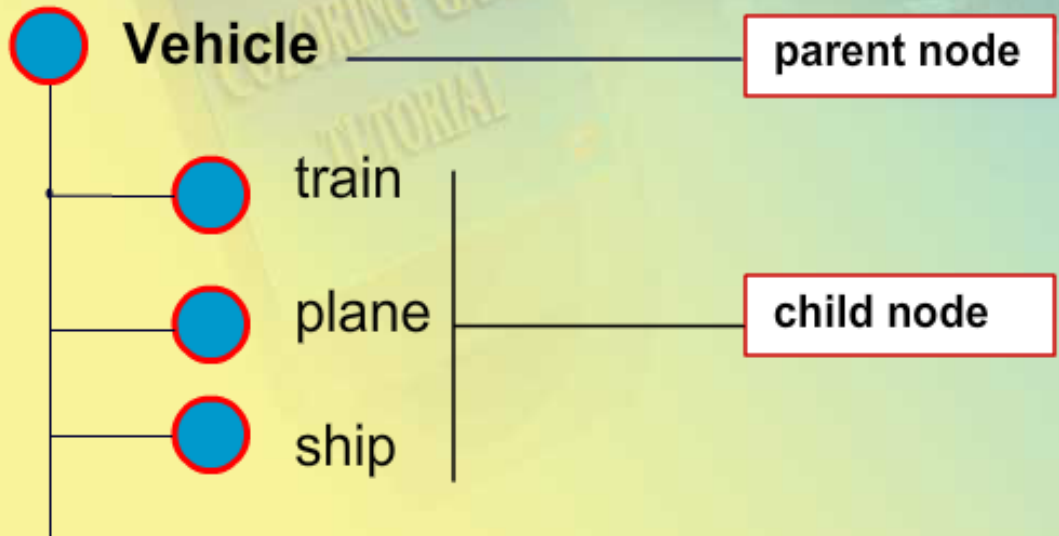
**March 4, 2019**  
CSAI 2018 proceedings are now in ACM Digital Library. ([Check](#))

**December 22, 2018**  
Thanks a lot to all participants, authors, reviewers, chairs, local organizing committee, and volunteers for a successful Beijing next year!

# Nodes

## Nodes

- container that stores theme, participant, research setting, research organization -----> **parent nodes**
- organized into sub theme -----> **child nodes**



# Create Nodes

The screenshot shows the software interface with a top menu bar (File, View, Control, Help) and a ribbon with tabs: File, Home, Import, Create, explore, Share. The ribbon contains various icons for actions like Cut, Copy, Merge, Properties, Open, Memo Link, Add To Set, Create As Code, Create As Cases, Query, Visualize, Code, Auto Code, Range Code, and Unicode. On the left, there is a sidebar with sections: Quick Access (Files, Memos, Nodes), Data (Files, File Classifications, Externals), Codes (Nodes, Sentiment, Relationships, Relationship Types), Cases, and Notes. The main area is titled 'Nodes' and has a table with columns: Name, Files, References, and Created On. A context menu is open over the 'Nodes' section in the sidebar, listing: New Node... (Ctrl+Shift+N), Export Codebook..., Export List..., Print List, Paste (Ctrl+V), Merge Into New Node..., Sort By, List View, Expand/Collapse, and Refresh (F5).

**3. Click New Node**

**2. Right-Click**

**1. Click Nodes**





# Nodes

Two overlapping 'New Node' dialog boxes are shown. The front dialog has the following fields:

- Name: Load
- Description: Road is one of the factors that influence the safety
- Nickname: (empty)
- Hierarchical name: Nodes\Load

The back dialog has the following fields:

- Name: Driver
- Description: Driver is man or woman using a vehicle
- Nickname: (empty)
- Hierarchical name: Nodes\Driver

Nodes

Name	Files	References	Created On
Weather		0	12/25/2018 12:00 AM
Safety		0	12/24/2018 11:44 PM
Road		0	12/24/2018 11:57 PM
Driver		0	12/24/2018 11:50 PM
Accident		0	12/24/2018 11:51 PM

**5. Create another nodes**

**Weather nad Road are child nodes of Safety**



# Nodes

Nodes

Name	Files	References	Created On	Created By	Modified On	Modified By
Code C		0	12/24/2018	AH	12/24/2018	AH
Code B		0	12/24/2018	AH	12/24/2018	AH
Code A1		0	12/24/2018	AH	12/24/2018	AH
Code A		0	12/24/2018	AH	12/24/2018	AH

Nodes

Name	Files	References
Code C		
Code B		
Code A		

Nodes

Name	Files	References
Code C	0	0
Code B	0	0
Code A	0	0
Code A1	0	0

**7. Drag to Code A**

**8. Click +**



nVivo20191.swf

File View Control Debug

**Parent node**

**Nodes**

Nodes Search Project

Name	Files	References
Attitude	0	0
Mixed	8	44
Negative	14	499
Neutral	1	27
Positive	12	421
Balance	6	16
Community change	18	62
Economy	25	486
Agriculture	8	20
Fishing or aquaculture	19	367
Fishing industry decline	14	183
Due to cost of doing bus	7	13
Due to environment imp	7	14
Due to foreign competi	8	22
Due to natural variation	3	6

**Child node**

Navigation icons: Left, Right, Home, Stop

Adobe Flash Player 11

File View Control Help

# Case

**Case**

- not as a node
- case has attribute -----> gender, organization, etc
- organized into sub theme -----> **child nodes**

**1. Click Case**

**2. Right-Click**

**3. Click New Cse**

Quick Access

- Files
- Memos
- Nodes

Data

- Codes
  - Nodes
  - Sentiment
  - Relationships
  - Relationship Types
- Cases
  - Cases
  - Case Classifications

Cases

Name Files

- New Case... Ctrl+Shift+N
- Export List...
- Print List
- Paste Ctrl+V
- Merge Into New Case...
- Sort By
- List View
- Expand/Collapse
- Refresh F5

Adobe Flash Player 11

File View Control Help

# Case

- can be used with the buttons

Workshop NVi

File Home Import Create Explore Share

Memo Framework Matrix Relationship Node Document External Case Case Classification

Notes Codes Data Classificatio

Quick Access

- Files
- Memos
- Nodes

Case Classifications

Name	Created On
------	------------

Navigation icons: two circles on the left, three circles on the right.

# Case Classification

2. Click Create

The screenshot displays the software's main interface with several panels. A red box highlights the 'Create' menu, which includes options like 'Add To Set', 'Create As Code', and 'Create As Cases'. Below this, a 'Case Classifications' table is visible with columns for 'Name' and 'Created On'. Another red box highlights the 'Case Classification' option in the 'Create' menu of a secondary window. A red arrow points from the 'Case Classification' option in the secondary window to the 'Case Classifications' table in the main window. The 'Nodes' panel on the left shows a tree structure with categories like 'Data', 'Codes', and 'Cases', each containing sub-items like 'Files', 'Memos', and 'Nodes'. The 'Case Classifications' table in the main window has a header row with 'Name' and 'Created On'.

3. Click Case Classification

1. Click Case Classification



# Case Classification

4. Type name

5. Select Person

**New Classification**

Create a new classification

Name: Driver

Description: Driver that deliver something

Add one or more predefined classifications to the project

- Organization
- Person

**New Classification**

Create a new classification

Name: Driver

Description: Driver that deliver something to a location

Add one or more predefined classifications to the project

- Organization
- Person

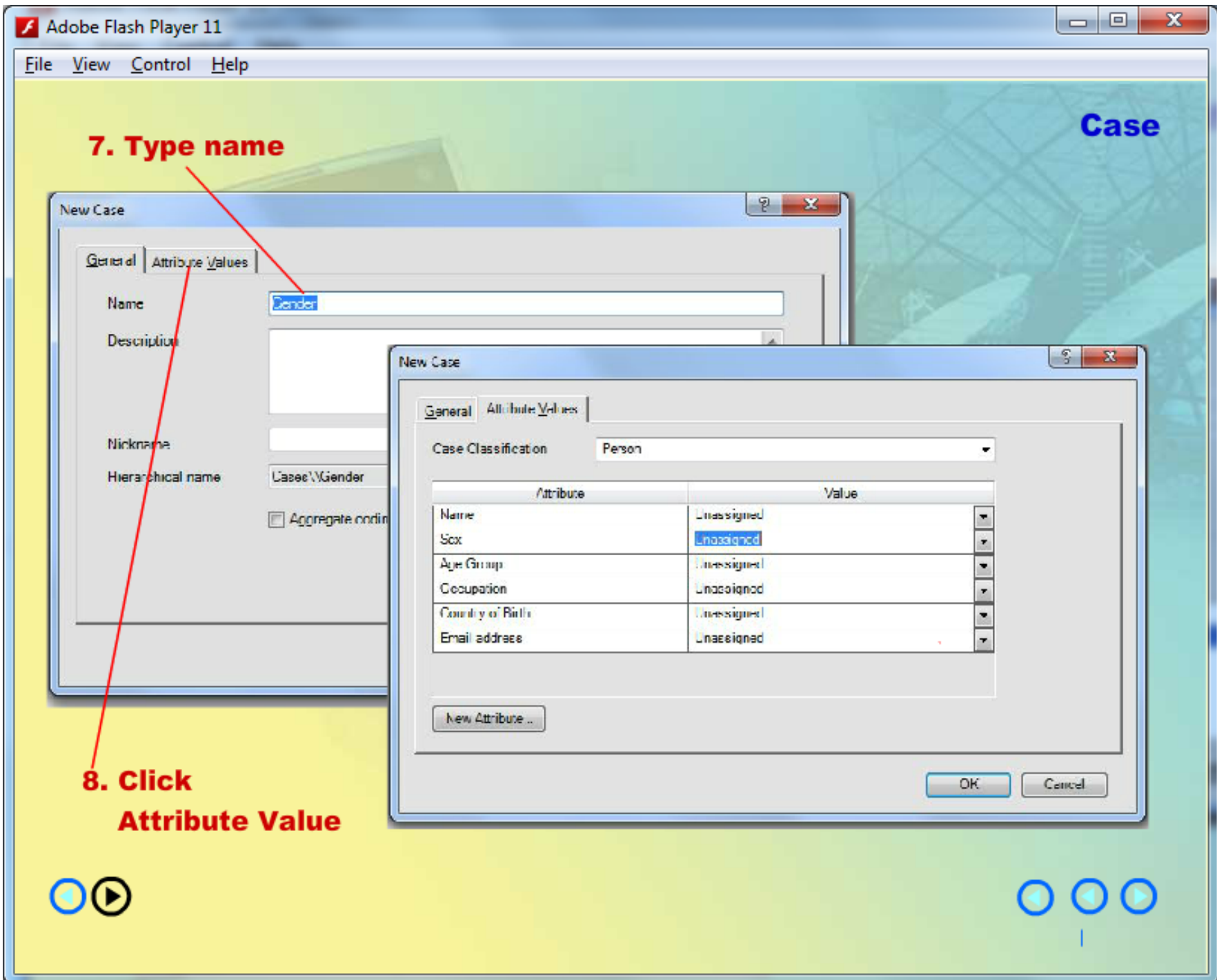
OK Cancel

**Case Classifications**

Name	Created On
Person	12/25/2018

6. Click OK





Case

7. Type name

New Case

General Attribute Values

Name Gender

Description

Nickname

Hierarchical name Case\Gender

Aggregate condition

New Case

General Attribute Values

Case Classification Person

Attribute	Value
Name	Unassigned
Sex	Unassigned
Age Group	Unassigned
Occupation	Unassigned
Country of Birth	Unassigned
Email address	Unassigned

New Attribute ...

OK Cancel

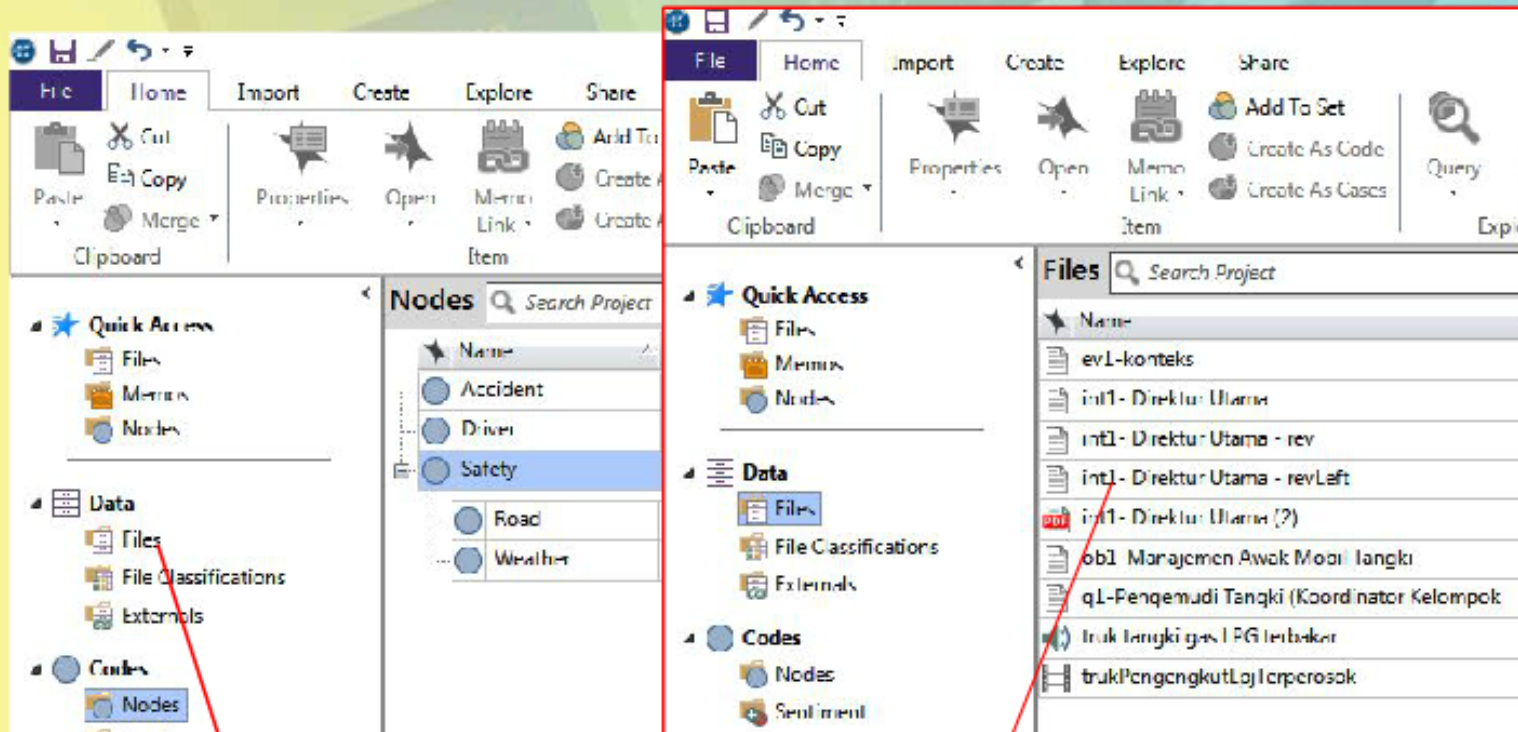
8. Click Attribute Value



# Coding

## Coding

- related text, audio, video a node



1. Click Files

2. Double Click



# Coding on Text

## Coding

The screenshot shows the NVivo 12 Plus software interface. The main window displays a text document titled "int1 - Direktur Utama - rev1.rtf". The document content includes:

**Tanggal/Jam :** 2 Maret 2018 / Pukul 10.30-selesai

**Materi/Aspek :** Context (Kesesuaian Tujuan dan Sasaran Pogram K3)

**Interviewee :** Direktur Utama

**Q1**

Bagaimana Visi dan Misi Program K3 yang ada di perusahaan dan apa dasar penentuan Visi dan Misi Program K3 tersebut ?

- Visi dan misi perusahaan (EPN) disesuaikan dengan visi misi Holding Company (Indusa Group) sehingga semua program dan keperluan yang memiliki visi dan misi sendiri harus diartikan pada visi dan misi perusahaan induk
- Direksi berkewajiban untuk menjaga visi dan misi perusahaan dijalankan dalam arti dalam seluruh program yang ada di masing-masing divisi/bagian disesuaikan dengan visi dan misi perusahaan
- Sejauh ini program-program yang ada disetiap bagian sudah sama dengan visi dan misi perusahaan walaupun implementasinya masih perlu penyesuaian kembali.
- Visi dan misi perusahaan silakan dilihat ke website perusahaan dan dapat

The left sidebar shows the 'Nodes' section, which is highlighted with a red arrow. The 'Nodes' section includes a search bar and a list of nodes with columns for Name, Codes, and References.

Name	Codes	References
ev1-kontaks	0	0
int1-Direktur	0	0
int1-Direktur	0	0
int1-Direktur	0	0
int1-Direktur	0	0
ul1-Mentor	0	0
q1-Pengemudi	0	0
truk-lampung	0	0
trukPengengku	0	0

The bottom status bar shows: 0 items, Linked, Codes: 0, References: 0, Read-Only, Line: 1, Column: 0.

### 3. Click Nodes

Search Project

## Nodes

Name	Files	Referen
Accident	0	0
Driver	0	0
Safety	0	0
Risk	0	0
Weather	0	0

Drag selection here to code to a new node

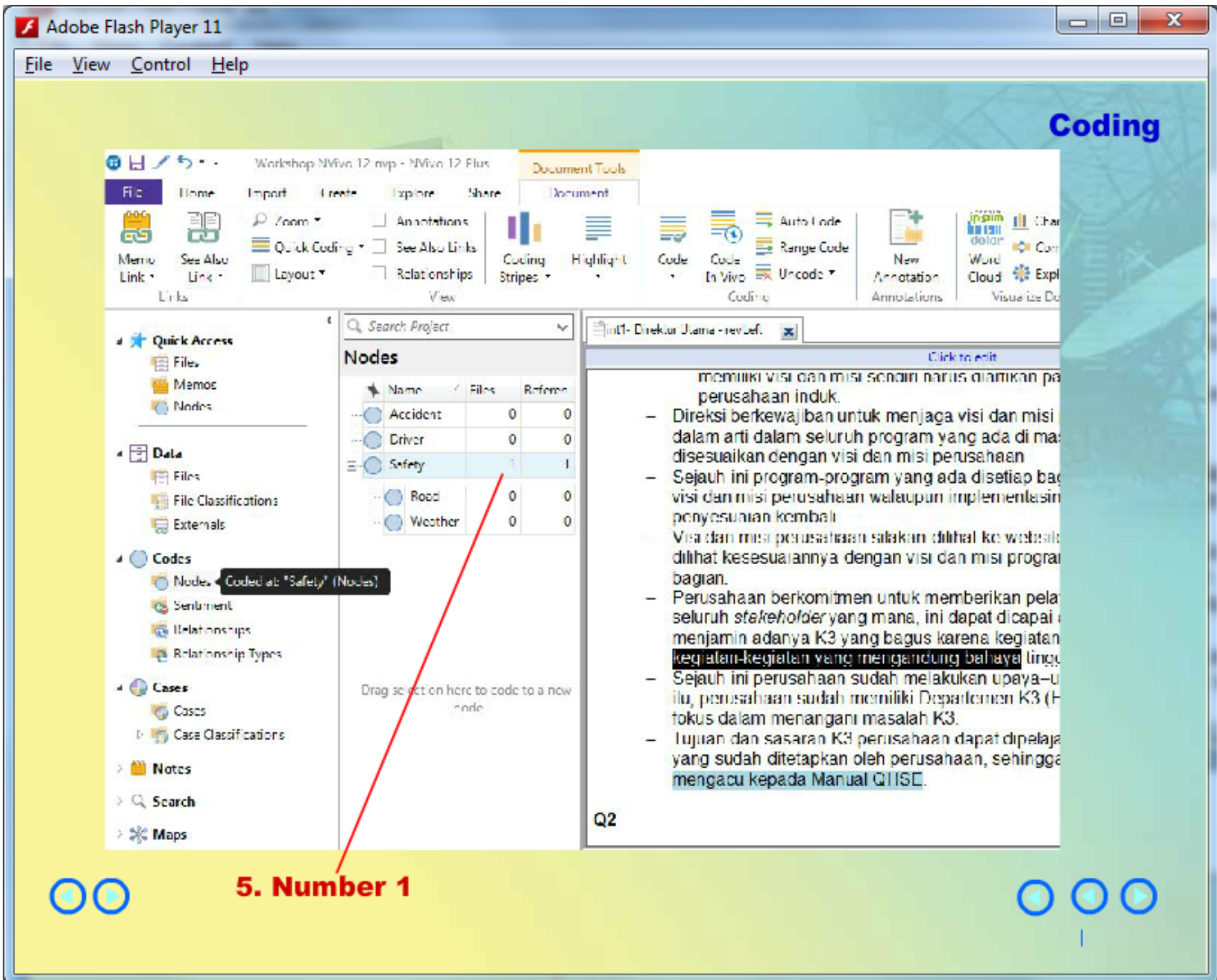
int1- Direktur Utama - rawl eff

Click to edit

- memiliki visi dan misi sendiri harus diartikan pada visi dan misi perusahaan induk
- Direksi berkewajiban untuk menjaga visi dan misi perusahaan dijalankan dalam arti dalam seluruh program yang ada di masing masing divisi/bagian disesuaikan dengan visi dan misi perusahaan
  - Sejalan ini program-program yang ada di setiap bagian sudah sama dengan visi dan misi perusahaan walaupun implementasinya masih perlu penyesuaian kembali.
  - Visi dan misi perusahaan silakan dilihat ke website perusahaan dan dapat dilihat kesesuaiannya dengan visi dan misi program yang ada di setiap divisi / bagian.
  - Perusahaan berkomitmen untuk memberikan pelayanan prima kepada seluruh *stakeholder* yang mana, ini dapat dicapai apabila perusahaan menjamin adanya K3 yang bagus karena kegiatan perusahaan termasuk kegiatan-kegiatan yang mengandung bahaya tinggi.
  - Sejalan ini perusahaan sudah melakukan upaya-upaya dalam hal K3 untuk itu, perusahaan sudah memiliki Departemen K3 (HSE) tersendiri agar lebih fokus dalam menangani masalah K3
  - Tujuan dan sasaran K3 perusahaan dapat dipelajari didalam Manual QHSE yang sudah ditetapkan oleh perusahaan, sehingga proses kegiatan K3 mengacu kepada Manual QHSE

Q2

**4. Drag to Node**



Adobe Flash Player 11

File View Control Help

# Coding

Search Project

Name	Files	References
Code A	0	0
Code A	0	0
Code B	0	0
Code C	0	0

int1- Direktur Utama - rev1 ef

Code A

Click to edit

**Q1**

Bagaimana Visi dan Misi Program K3 yang ada di perusahaan dan apa dasar penentuan Visi dan Misi Program K3 tersebut ?

- Visi dan misi perusahaan (EPN) disesuaikan dengan visi misi Holding Company (Elnusa Group) sehingga semua program dan keputusan yang memiliki visi dan misi sendiri harus diartikan pada visi dan misi perusahaan induk.
- Direksi berkewajiban untuk menjaga visi dan misi perusahaan dijalankan dalam arti dalam seluruh program yang ada di masing-masing divisi/bagian disesuaikan dengan visi dan misi perusahaan
- Sejahter ini program-program yang ada disetiap bagian sudah sama dengan visi dan misi perusahaan walaupun implementasinya masih perlu penyesuaian kembali
- Visi dan misi perusahaan silakan dilihat ke website perusahaan dan dapat dilihat kesesuaiannya dengan visi dan misi program yang ada di setiap divisi / bagian.
- Perusahaan berkomitmen untuk memberikan pelayanan prima kepada seluruh stakeholder yang mana, ini dapat dicapai apabila perusahaan menjamin adanya K3 yang bagus karena kegiatan perusahaan termasuk kegiatan kegiatan yang mengandung bahaya tinggi.
- Sejahter ini perusahaan sudah melakukan upaya-upaya dalam hal K3 untuk itu, perusahaan sudah memiliki Departemen K3 (HS&E) tersendiri agar lebih fokus dalam menangani masalah K3

Quick Access

- Files
- Media
- Nodes

---

Data

- Files
- File Classifications
- Externals

---

Codes

- Nodes - Coded at "Code A" (Nodes)
- Sentiment

Search Project

Name	Files	References
Code A	1	1
Code B	0	0
Code C	0	0

**9. Block and drag**

# Coding on Table

## Coding

**Nodes** Search Project

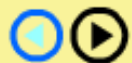
Name	File	Reference
Accident		0
Driver		0
Safety		1
- Bus		0
- Weather		0

Drag selection here to code to a new node

01-Pengemudi Tangki (Koordinat) | Job - Manajemen Risk Mobil Tank (ar)

Click Code

<p>Menyediakan rekomendasi cara pengemudi memenuhi kriteria berikut ini:</p> <p><b>3.1. Personal</b>                      - Umur (25-45 tahun)                      - Memiliki SIM (beraku dan sesuai jenis kendaraan)                      - Kemampuan fisik (fungsi anggota tubuh untuk mengemudi normal)                      - bisa membaca &amp; menulis</p>	<p>0: tidak memenuhi salah satu                      4: memenuhi semua</p> <p>Memiliki syarat                      Data base tidak diupdate</p>
<p><b>3.2. Pendidikan dan Pengalaman</b>                      - Pengalaman (minimal 3 tahun dengan mengemudi jenis kendaraan yang sama)                      - Pekerjaan sebelumnya (bebas tindakan kriminal / pelanggaran disiplin)</p>	<p>0: tidak memenuhi salah satu                      1: memenuhi semua</p> <p>Sudah memenuhi syarat</p>
<p><b>3. Keterampilan dan Pengetahuan</b>                      - Tes mengemudi di jalan oleh penguji yang ditetapkan                      - Tes pengetahuan (mengeni lalu lintas terkait truk tangki BBM dan skid tank LPG)</p>	<p>0: tidak memenuhi salah satu                      4: memenuhi semua</p> <p>Tes tes cara mengemudi di rambu-rambu sudah dilakukan</p>
<p><b>4. Kesehatan dan Masa percobaan</b>                      - lulus psikotes external                      - lulus masa percobaan                      - lulus medical check up yang relevan dengan keputusan penuh layak tidaknya untuk mengemudi ada pada dokter perusahaan</p>	<p>0: tidak memenuhi salah satu                      4: memenuhi semua</p> <p>Psikotes sudah dilakukan                      Tes kesehatan akan dilakukan kali dalam sebulan (tanggal 15 di 30 setiap bulan)</p>



### 10. Block and drag



**Nodes** Search Project

Name	Files	References
Accident	0	0
Driver	2	2
Safety	2	2
Road	0	0
Weather	0	0

Drag selection here to code to a new node.

q1-Fengemudi Tangki (Koordinat... | q1-Manajemen Awak Mobil La

Pertanyaan :

1. Apakah anda tahu tujuan dari Program K3 yang ada di perusahaan ?	Ya	Tidak
2. Apakah Program K3 memberikan pengaruh positif pada pekerjaan anda ?	Ya	Tidak
3. Apakah Program K3 ini membuat pelaksanaan pekerjaan anda menjadi lebih sulit ?	Ya	Tidak
4. Apakah Program K3 ini membuat anda lebih nyaman dalam bekerja ?	Ya	Tidak
5. Apakah atasan anda memberikan penjelasan tentang maksud dan tujuan dari Program K3 ini ?	Ya	Tidak
6. Apakah dengan Program K3 ini anda merasa lebih terlindungi dan bahaya kecelakaan/penyakit kerja ?	Ya	Tidak
7. Apakah harapan anda sebagai AMT sesuai dengan Program K3 ini ?	Ya	Tidak
8. Apakah perusahaan menyediakan alat perlindungan diri bagi AMT ?	Ya	Tidak
9. Apakah ada perwakilan dari AMT sebagai wakil yang ada di dalam Panitia K3 ?	Ya	Tidak
10. Apakah perusahaan sudah menjalankan perannya dengan baik selaku pengelola Program K3 ?	Ya	Tidak
11. Apakah peraturan/prosedur kerja di tempat anda bekerja (KOPIN) sudah terintegrasi dengan Program K3 yang ada di Hiusa ?	Ya	Tidak



**11. Block and drag**



3 references of 2 files

Coding

**Nodes** Search Project

Name	Files	References
Accident		0
Driver		2
Safety		2
Road		0
Weather		0

Drag selection here to code to a new node

1 Fongemudi Tengki (Koordinat) x1 1 ubi-Manajemen Awak Mobil Te

Pertanyaan	Ya	Tidak
1. Apakah anda tahu tujuan dari Program K3 yang ada di perusahaan ?	Ya	Tidak
2. Apakah Program K3 memberikan pengaruh positif pada pekerjaan anda ?	Ya	Tidak
3. Apakah Program K3 ini membuat pelaksanaan pekerjaan anda menjadi lebih sulit ?	Ya	Tidak
4. Apakah Program K3 ini membuat anda lebih nyaman dalam bekerja ?	Ya	Tidak
5. Apakah atasan anda memberikan penjelasan tentang maksud dan tujuan dari Program K3 ini ?	Ya	Tidak
6. Apakah dengan Program K3 ini anda merasa lebih terlindungi dari bahaya kecelakaan/penyakit kerja ?	Ya	Tidak
7. Apakah harapan anda sebagai AMT sesuai dengan Program K3 ini ?	Ya	Tidak
8. Apakah perusahaan menyediakan alat perlindungan diri bagi AMT ?	Ya	Tidak
9. Apakah ada perwakilan dari AMT sebagai wakil yang ada di dalam Panitia K3 ?	Ya	Tidak
10. Apakah perusahaan sudah menjalankan perannya dengan baik selaku pengelola Program K3 ?	Ya	Tidak
11. Apakah peraturan/prosedur kerja di tempat anda bekerja (KOPEN) sudah terintegrasi dengan Program K3 yang ada di Elnusa ?	Ya	Tidak



12. Block and drag



# Coding on Audio

Coding

Name	Files	References
Accident		0
Driver	3	4
Safety	3	5
Road	0	0
Weather	0	0

Timespan	Description
1 0:00.0 - 0:20.0	Mobil truk tangki terbakar karena ban pecah
2 0:52.7 - 1:03.6	Mobil pemadam kebakaran memadamkan api Jalan ditutup oleh polisi

13. Block and drag



# Coding on Audio

## Coding

Name	Files	References
Accider t		0
Driver		3
Safety		3
Road		0
Weather		0

Timespan	
1 0:00.0 - 0:20.0	Mobil truk tangki terbakar karena ban pecah
2 0:52.7 - 1:03.6	Mobil pemadam kebakaran memadamkan api Jalan ditutup oleh polisi



13. Block and drag



# Coding on Video

# Coding

Nodes

Name	Len	Subframes
Accident	0	0
Driver	1	1
Safety	1	5
Driver	0	0
Weather	0	0



Truk LPT terpesok di pinggir jalan Kabupaten Bintan



15. Block and drag



# Coding on Paper on Journal

## Coding

Nodes Search Project

Name	File	References	References
Accident		1	1
Drive		3	4
Safety		2	5
Flood		0	0
Weather		0	0

Drag selected item and file into the workspace

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© Research India Publications. <http://www.ripublication.com>

### Root Cause Analysis of a Jet Fuel Tanker Accident

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**Abstract**

Over the last two decades, economic growth in Nigeria led to a sporadic increase in air transportation, both local and international, and this, in turn, brought about a huge demand for jet fuel to satisfy the aviation needs. In Nigeria, jet fuel is transported via Bridger Receipt Vehicles (BRV) from shore to airport depots. The presence of the BRVs has increased road activity and this has been associated with a number of accidents. This study is focussed on identifying the root cause of a BRV related accident which happened along the airport road, close to jet fuel storage depots, creating a potential for huge fire disaster. Using the fishbone diagram and a detailed root cause analysis, the study revealed that driving under the influence of alcohol and the prevailing operational challenges played a major role in the series of events that led to the accident. The paper also highlights measures for preventing a recurrence.

**Keywords:** Alcohol and drug abuse, Bridger Receipt Vehicles (BRV), tanker truck accidents, fuel transportation, Jet A-1 aviation fuel, risk assessment, process safety management.

factor and other gaps that can be corrected, so as to prevent recurrence. Root cause analysis of incidents requires a depth understanding of operations, processes and procedures associated with the incident. This is a major challenge in determining whether the right questions are asked to eliminate intangible and irrelevant factors, and to identify the root cause during investigations. The ultimate goal of incident investigation is to prevent a repeat and ensure that, however, it is vital that appropriate lessons are learned from acquired from risk assessment [5] and its implementation, by setting relevant learning criteria and enhancing multilevel learning process as emphasized in the literature.

This study, seeks to identify the root cause of a jet fuel tanker related operational threats accountable for a jet fuel tanker accident along the airport road in Lagos by using the Ishikawa (Fishbone) diagram and developing the chain of events that culminated in the accident.

**A BRIEF ON LAGOS JET FUEL OPERATION**



### 15. Block and drag



# Coding on Bulletin

Coding

Name	Codes	Reference
001- Kurikulum	0	0
m10- Direktur Utama	0	0
m10- Direktur Utama - new	0	0
m10- Direktur Utama - new (1)	0	0
m10- Direktur Utama (2)	2	2
002- Manajemen Awak Mobil Landa	1	1
q1- Pengaruh Tinggi (Gardiner) Kerasok	7	4
RanCarakWayakataleFueTandofu (1)	0	0
safety in the transportation of oil and gas pip	0	0
truk tangki gas LI 6 tabokan	0	0
truk tangki gas LI 6 tabokan	1	1

Bookmarks
Safety in the Transportation of Oil and Gas Pip
Main Contents
Introduction
Intermodal safety: Canada
Intermodal safety: United States
Conclusion
Appendix
References
Acknowledgments
About the authors

**FRASER RESEARCH BULLETIN**

FROM THE CENTRE FOR NATURAL RESOURCE STUDIES

## Safety in the Transportation of Pipelines or Rail?

by Kenneth P. Green and Taylor Jackson



15. Select from Table of Content



# Coding on Bulletin

## Coding

Selected subject

Nodes Search Project

Name	Files	References
Accident	2	3
Driver	3	1
Safety	4	6
Recall	0	0
Warranty	0	0

Drag selection here to code to a new node

Bookmarks

- Root Cause Analysis of Oil and Gas Pipelines
- Accident
- safety-in-the-transportation-of-oil
- Safety
- Safety in the Transportation of Oil and Gas Pipelines
- Main Conclusions
- Introduction
- Internodal safety, Canada
- Internodal safety, United States
- Conclusion
- Appendix
- References
- Acknowledgments
- About the authors

However, the State Department (2014b) noted that the differences in total volume spilled between rail and pipelines could be offset at least somewhat by the increased likelihood that a spill will occur when oil is transported by rail.

One important factor needs to be considered with regard to volumes spilled in pipeline accidents: a lot of the oil can be recovered. **Figure 4** shows the trend in volumes recovered after pipeline spills from 1992 to 2011 in the United States. The average amount of liquid recovered during this period was 40 percent.

With regard to health and safety, the State Department (2014a) data also gives a clear advantage to pipelines. Its analysis found that injuries and fatalities per ton-mile transported by rail far exceeded those associated with pipelines.



16. Selected text has been drugged



# Coding on Hand Writing Note

Coding

The screenshot shows an IDE window with a canvas on the left containing a hand-drawn note and a table of content on the right. The note is written in cursive and discusses the advantages of pipeline and rail transportation. The table of content has columns for 'Begin' and 'Content'. Red lines connect the text in the note to the corresponding entries in the table.

	Begin	Content
1		Transportation of gas using pipelines is better safety than transportation using rail
2		
-		

*It is the advantage between pipit pipeline and rail transportation:*

*Date shows the advantage of pipeline transportation of gas.*

*20.3.2013*



17. Block and drag



# Data Processing

Data processing includes:

- Using query:
  - Text Search Query
  - Word Frequency Query
  - Coding Query
- Create model
- Create chart.
- Create report
- Export data



Query

# Query

Workshop NVivo 12.nvp - NVivo 12 Plus

File Home Import Create Explore Share PDF Tools PDF

Project NCapture Files Excel Text File (.txt, .csv) SurveyMonkey Qualtrics SPSS

Project Web Data Survey Clas

Quick Access

- Files
- Memos
- Nodes

Data

- Files
- File Classifications
- Externals

Codes

Search Project

### Nodes

Name	Files	References
Accident	3	6
Driver	3	4
Safety	5	10
Road	1	1
Weather	0	0

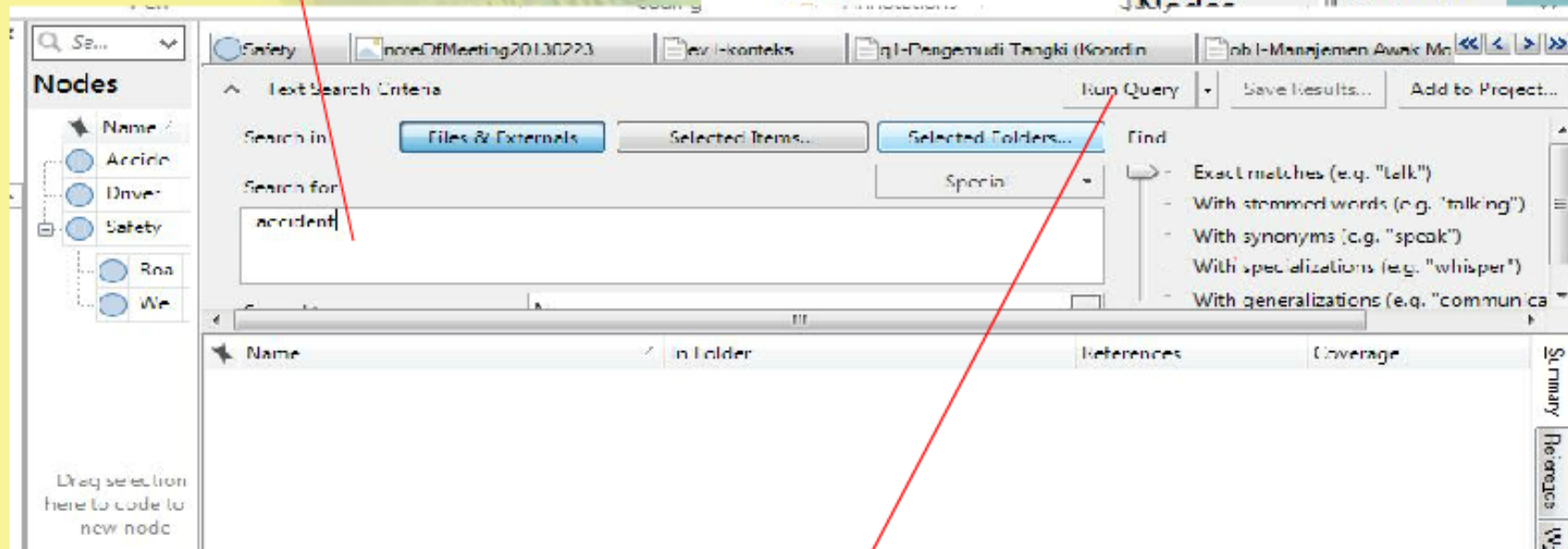
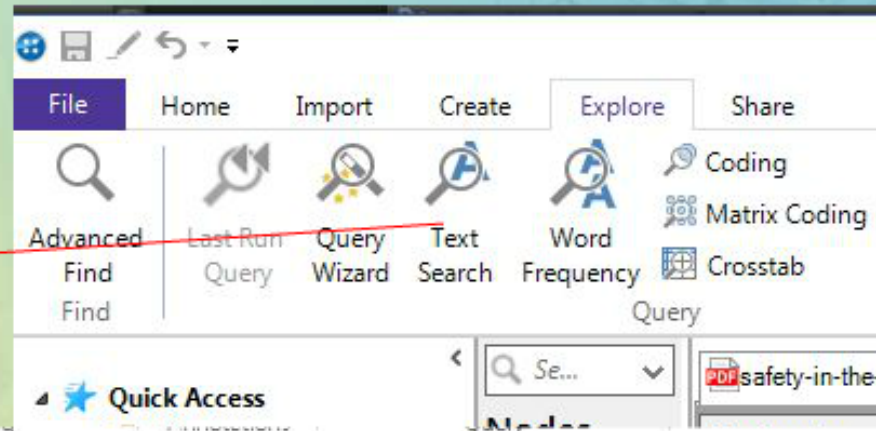
1. Click Explore

# Text Search Query

Query

2. Click Text Search

3. Type text



4. Click Run Query



# Text Query

6. Click Save Result

7. Click Add Project

Search Proj...

Text Search Query - Results Pre

Text Search Criteria

Search in: Files & Externals, Selected Items..., Selected Folders...

Search for: accident

Find: Exact matches (e.g. 'to k'), With stemmed words (e.g. 'to'), With synonyms (e.g. 'speak'), With specializations (e.g. 'wh'), With generalizations (e.g. 'co')

Name	In Folder	References	Coverage
safety-in-the-transportation-of-oil-and	Files	9	0.10%

Nodes

- Accide: 3
- Driver: 3
- Safety: 5
  - Road: 1
  - We: 0

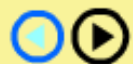
Drag selection here to add to a new node

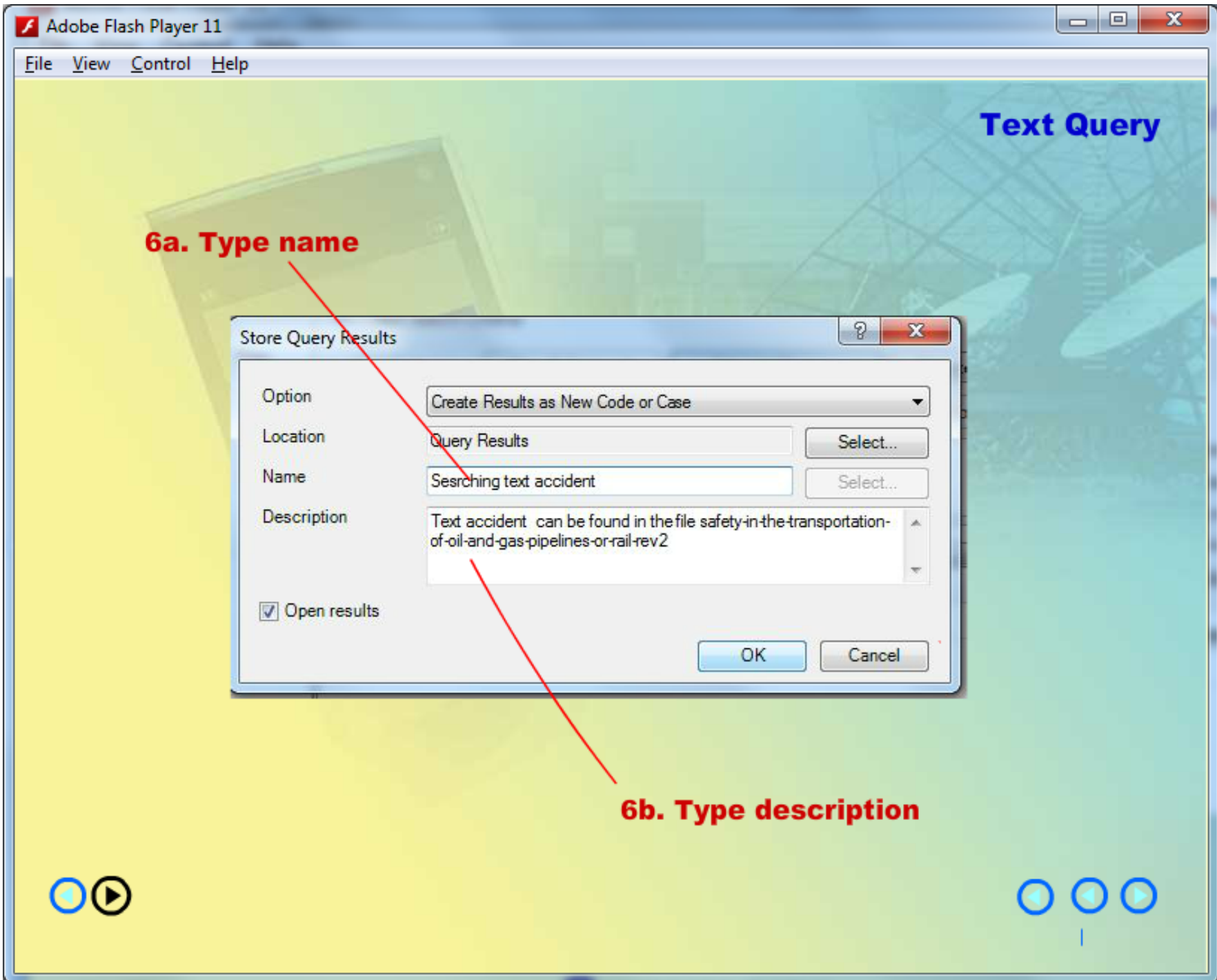
Summary Reference

5. Result

8. Click to Open

# Summary





# Text Query

## 6c. Select References

The screenshot shows a text search interface with the following components:

- Search Criteria:**
  - Search in: Files & Externals, Selected Items..., Selected Folders...
  - Search for: accident
  - Find options: Exact matches (e.g. "talk"), With stemmed words (e.g. "ta..."), With synonyms (e.g. "speak"), With specializations (e.g. "wh..."), With generalizations (e.g. "co...")
- Results:**
  - <Files\\safety-in-the-transportation-of-oil-and-gas-pipelines-or-rail-rev2> - 9 references coded [0.10% Coverage]
  - Reference 1 - 0.01% Coverage: 1 A reportable commodity pipeline accident occurs when "a person sustains
  - Reference 2 - 0.01% Coverage: occurrence to be "[a]ny accident or incident associated with the



# References



# Text Query

## 7. Text found

termo-  
search  
om 2013,  
been  
we will  
y pipe-  
ntral to  
rd to the

1 A reportable commodity pipeline **accident** occurs when "a person sustains a serious injury or is killed as a result of being exposed to (i) a fire ignition or explosion or (ii) a commodity released from the commodity pipeline" and/or where "the commodity pipeline (i) sustains damage affecting the safe operation of the commodity pipeline as a result of being contacted by another object or as a result of a disturbance of its supporting environment, (ii) causes or sustains an explosion, or fire or ignition that is not associated with normal operating circumstances, or (iii) sustains damage resulting in the release of any commodity" (TSB, 2014). An incident occurs where "(a) an uncontained and uncontrolled release of a commodity occurs, (b) the commodity pipeline is operated beyond design limits, (c) the commodity pipeline causes an obstruction to a ship or to a surface vehicle owing to a disturbance of its supporting environment, (d) any abnormality reduc-

head-  
line safe-  
US. Re-

Nodes

- Accide
- Driver
- Safety
- hca
- We

Bookmarks

- Safety in the Transportatio
- Main Conclusions
- Introduction
- Intermodal safety, Canada
- Intermodal safety, United
- Conclusion
- Appendix
- References
- Acknowledgments
- About the authors

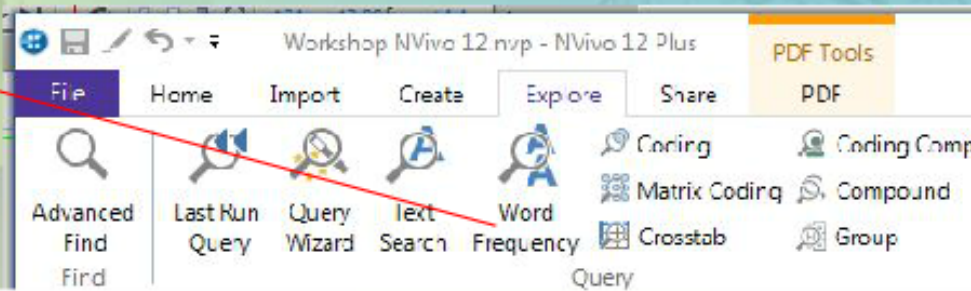
Code At Road (Nodes\\Safety)

## 8. Scroll to find another text "accident"



# Word Frequency Query

1. Click Word Frequency



Text Search Query - Results Word Frequency Query Results Word Frequency Query Results

Nodes

- Name
- Accide
- Driver
- Safety
- Roa
- We

Word Frequency Criteria

Search in: Files & External Selected Items... Selected Folders...

Display words:  1000 most frequent  All

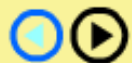
With minimum length: 3

Grouping

- Exact matches (e.g. "talk")
- With stemmed words (e.g. "talking")
- With synonyms (e.g. "speak")
- With specializations (e.g. "whisper")
- With generalizations (e.g. "communication")

Word	Length	Count	Weighted Percentage (%)
------	--------	-------	-------------------------

2. Click Files & External



### 5. Run Query

## Word Frequency Query

Word Frequency Criteria

Search in: Files & Externals | Selected Items... | Selected Folders...

Display words:  1000 most frequent |  All

With minimum length: 3

Grouping: Exact matches (e.g. "talk"), With stemmed words (e.g. "talker"), With synonyms (e.g. "speak"), With specializations (e.g. "whisper"), With generalizations (e.g. "communication")

Run Query

Word	Length	Count	Weighted Percentage (%)
------	--------	-------	-------------------------

### 7. Click Add Project

Word Frequency Query Results

Run Query | Add to Project...

Search in: Files & Externals | Selected Items... | Selected Folders...

Display words:  1000 most frequent |  All

With minimum length: 3

Grouping: Exact matches (e.g. "talk"), With stemmed words (e.g. "talker"), With synonyms (e.g. "speak"), With specializations (e.g. "whisper"), With generalizations (e.g. "communication")

Word	Length	Count	Weighted Percentage (%)
rail	4	77	1.96
oil	3	74	1.88
pipeline	8	72	1.83
pipelines	9	64	1.63
canada	6	53	1.35
catch	6	48	1.22



### 6. Result

## Summary







Adobe Flash Player 11

File View Control Help

# Word Frequency Query

Word Frequency Query

Query type: Word Frequency Query

Name: *workshopNvivo*

Description: This project is a simulation of NVivo Training

Location: Queries

OK Cancel

**8. Type name**

**7. Click OK**

**Word Frequency Query has to be saved**

# QUERY WIZARD

Adobe Flash Player 11

File View Control Help

## Explore - Query

Home Import Create **Explore** Share


Last Run Query Text Word Coding Matrix Crosstab Coding Comparison Compound Group

Query

### Text Search Query

What would you like to do?

- See where particular terms occur in context
- Identify frequently occurring terms in context
- Search for content based on how it is coded
- Find coding intersections between two lists of items



For example, find when a word and its synonyms occur and see these occurrences in context.


Press Next to continue

Cancel Next Start

### Word Frequency Query

What would you like to do?

- See where particular terms occur in context
- Identify frequently occurring terms in context
- Search for content based on how it is coded
- Find coding intersections between two lists of items



For example, list the top 100 most frequently occurring terms in a group of interviews.

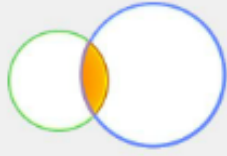
Press Next to continue

Cancel Next Start

### Coding Query

What would you like to do?

- See where particular terms occur in context
- Identify frequently occurring terms in context
- Search for content based on how it is coded
- Find coding intersections between two lists of items



For example, find content coded at two different nodes.

Press Next to continue

Cancel Next Start

### Matrix Coding Query

What would you like to do?

- See where particular terms occur in context
- Identify frequently occurring terms in context
- Search for content based on how it is coded
- Find coding intersections between two lists of items

	A	B	C
X			
Y			
Z			

For example, see how the coding at two groups of nodes intersects.

Press Next to continue

Cancel Next Start

1. Click **Explore > Query Wizard**

### Text Search Query

- Text search queries let you search for words or phrases in your project items

### Word Frequency Query

- Word Frequency queries is used to list the most frequently occurring words or concepts in your files.

### Coding Query

- Coding queries can help you to test ideas, explore patterns and see the connections between the themes, topics, people and places in your project.

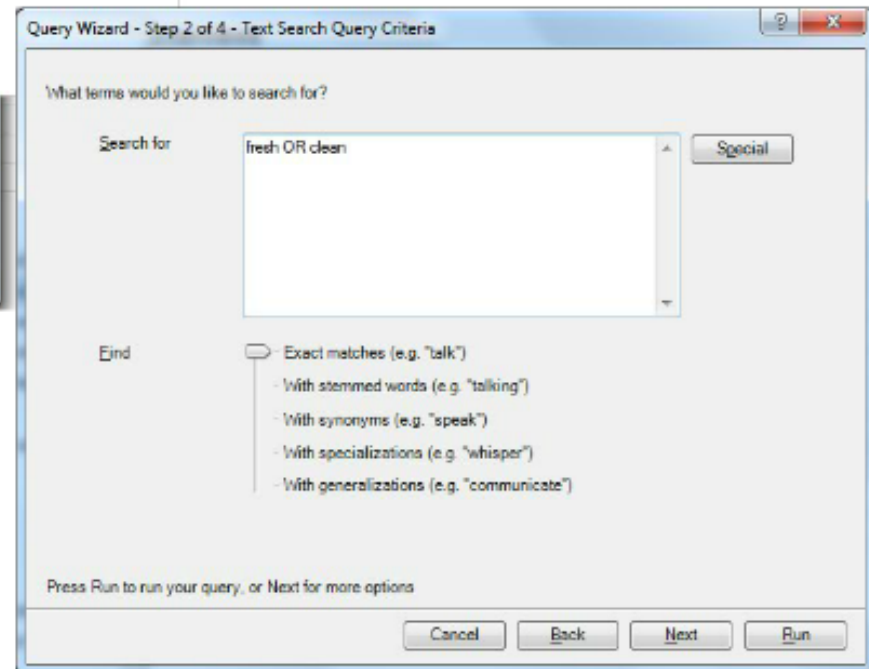
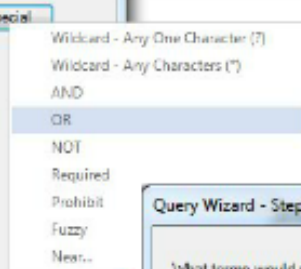
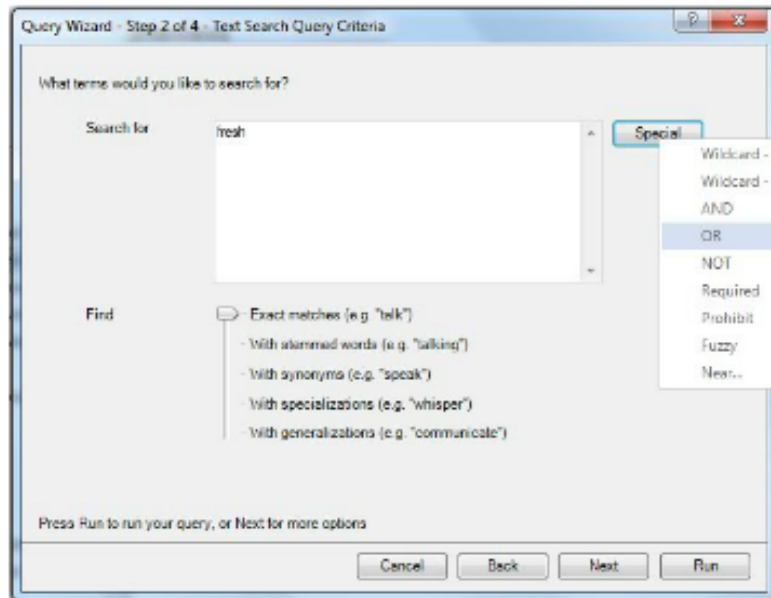
### Matrix Coding Query

- Matrix Coding queries enable you to see coding intersections between two lists of items

Ariesto Hadi Sutopo

2/14

# Text Search Query



2. Type a word "fresh" **Select > OR**, type a word "clean"
3. Click **Next**
4. Select **Files & Externals > Next**
5. Select **Run this Query once > Run**

# Text Search Query

Text Search Query - Results Pre

Text Search Criteria Run Query Save Results... Add to Project

Search in Files & Externals Selected Items... Selected Folders... Find

Search for Special

fresh OR clean

- Exact matches (e.g. "talk")
- With stemmed words (e.g. "talks")
- With synonyms (e.g. "speak")
- With specializations (e.g. "water")
- With generalizations (e.g. "water")

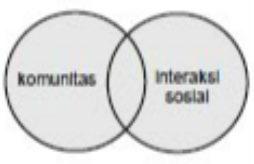
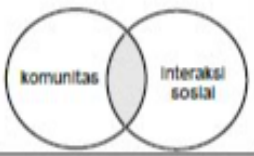
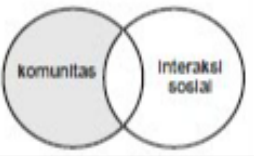
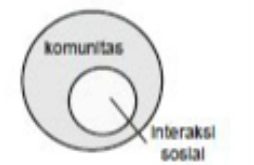
Name	In Folder	References	Coverage
Betty and Paul	Files\Interviews	1	69.48%
CarteretCounty on Twitter	Files\Social Media	11	0.01%
Charles	Files\Interviews	2	0.09%
Dorothy	Files\Interviews	1	0.06%
Margaret	Files\Interviews	1	0.04%
Mary and James	Files\Interviews	3	0.13%
Richard and Patricia	Files\Interviews	1	0.06%
Sharing in the sea's bounty - Weigl - N	Files\Social Media\Linked Online Res	1	0.03%
Survey Responses	Files\Survey	8	0.01%
Susan	Files\Interviews	1	0.04%
Walking Fish - A Community Supporte	Files\Social Media\Linked Online Res	1	0.12%
William	Files\Interviews	2	0.09%

# Text Search Query

## Truth Table

P	Q	P OR Q	P AND Q	NOT P
F	F	F	F	T
F	T	T	F	T
T	F	T	F	F
T	T	T	T	F

## Boolean Operator

Operator	Deskripsi	Sintaks	Relasi
OR	Mencari <i>item</i> yang berisi satu atau lebih <i>term</i>  Jika Anda memasukkan lebih dari satu kata tanpa operator berarti menggunakan OR	komunitas OR "interaksi sosial"	
AND	Mencari <i>item</i> yang berisi dua <i>term</i>	komunitas AND "interaksi sosial"	
NOT (-) Prohibit	Mencari <i>item</i> yang berisi <i>term</i> pertama tetapi tidak <i>term</i> kedua	komunitas - "interaksi sosial"	
+ (required)	Mencari <i>item</i> yang berisi <i>term</i> yang diperlukan	+ komunitas "interaksi sosial"	

# Word Frequency Query

Query Wizard - Step 2 of 4 - Word Frequency Query Criteria

Find the frequently occurring terms.

Display words  1000 most frequent  
 All

Minimum word length

Grouping  Exact matches (e.g. "talk")  
 Include words with same stem (e.g. "talking")  
 Include synonyms (e.g. "speak")  
 Include specializations (e.g. "whisper")  
 Include generalizations (e.g. "communicate")

Press Run to run your query, or Next for more options

What items would you like to search in?

Search in  Files & Externals  
 Selected Items (e.g. Files, Nodes, Sets)  
 Items in Selected Folders

Query Wizard - Step 4 of 4 - Add To Project

Would you like to add this query to your project so you can run it again later?

Run this Query once  
 Add this Query to Project

2. Define display words
3. Click **Next**
4. Select **Files & Externals** > **Next**
5. Select **Run this Query once** > **Run**

# Word Frequency Query

Text Search Query - Results Pre

Text Search Criteria Run Query Save Results... Add to Project

Search in Files & Externals Selected Items... Selected Folders... Find

Search for Special

fresh OR clean

- Exact matches (e.g. "talk")
- With stemmed words (e.g. "t
- With synonyms (e.g. "speak'
- With specializations (e.g. "w
- With generalizations (e.g. "c

Name	In Folder	References	Coverage
Betty and Paul	Files\Interviews	1	69.48%
CarteretCounty on Twitter	Files\Social Media	11	0.01%
Charles	Files\Interviews	2	0.09%
Dorothy	Files\Interviews	1	0.06%
Margaret	Files\Interviews	1	0.04%
Mary and James	Files\Interviews	3	0.13%
Richard and Patricia	Files\Interviews	1	0.06%
Sharing in the sea's bounty - Weigl - N	Files\Social Media\Linked Online Res	1	0.03%
Survey Responses	Files\Survey	8	0.01%
Susan	Files\Interviews	1	0.04%
Walking Fish - A Community Supporte	Files\Social Media\Linked Online Res	1	0.12%
William	Files\Interviews	2	0.09%

# Coding Query

Query Wizard - Step 2 of 4 - Coding Query Criteria

What content would you like to search for?

Search for content coded at:

A particular Code or Case  
 All these Codes or Cases  
 Any of these Codes or Cases  
 Any Case Where

(select an Attribute)

Press Run to run your query, or Next for more options

Cancel

Select Project Items

Automatically select subfolders  
 Automatically select descendant codes

Name	Nickname	Created	Modified
<input type="checkbox"/> Attitude		5/16/2010 3:05 AM	8/25/2015 12:2
<input type="checkbox"/> Balance		5/17/2010 9:57 PM	5/5/2015 10:08
<input type="checkbox"/> Community change		5/16/2010 3:20 AM	5/5/2015 10:12
<input type="checkbox"/> Economy		5/16/2010 2:38 AM	3/16/2011 10:1
<input type="checkbox"/> Infrastructure		5/16/2010 2:38 AM	8/6/2015 11:01
<input type="checkbox"/> Memorable quotes		6/1/2010 6:47 PM	5/5/2015 10:12
<input type="checkbox"/> Natural environment		5/16/2010 2:39 AM	5/10/2012 9:20
<input type="checkbox"/> Ecosystem services		5/16/2010 2:39 AM	5/5/2015 10:0
<input checked="" type="checkbox"/> Environmental change		6/4/2010 1:12 AM	8/6/2015 11:0
<input type="checkbox"/> Environmental impacts		6/16/2010 2:10 AM	8/6/2015 11:0
<input checked="" type="checkbox"/> Habitat		5/29/2010 3:36 AM	8/6/2015 11:0
<input type="checkbox"/> Landscape		5/16/2010 2:39 AM	5/5/2015 10:1

Select item from nickname

Filter Clear Filter Select All Clear OK

2. Select All these Code or Case
3. Click **Select**
4. Select node **Environment change** node **Habitat**
5. Click **OK** > **Next**
6. Select **Files & Externals** > **Next**
7. Select **Run this Query once** > **Run**

# Coding Query

Interviews

Name	Codes	References
Betty and Paul	13	41
Helen	14	50
Ken	17	56
Thomas	28	112
Robert	31	96
Margaret	35	78
Richard and Patricia	35	101
Charles	38	134
Dorothy	39	128
Mary and James	42	111
Barbara	43	197
Maria and Daniel	43	150
Susan	47	146
William	47	106

Coding Query - Results Preview

Coding Criteria Run Query Save Results... Add to Project

Search in Files & Externals Selected Items... Selected Folders...

All of the following are true

Coded at All Selected Codes or Cases ... (2) Environmental change, Habitat

Spread to None

<Files\Interviews\Barbara> - 54 references coded [7.02% Coverage]

Reference 1 - 0.49% Coverage

and also the overharvesting and tearing up of the bottom

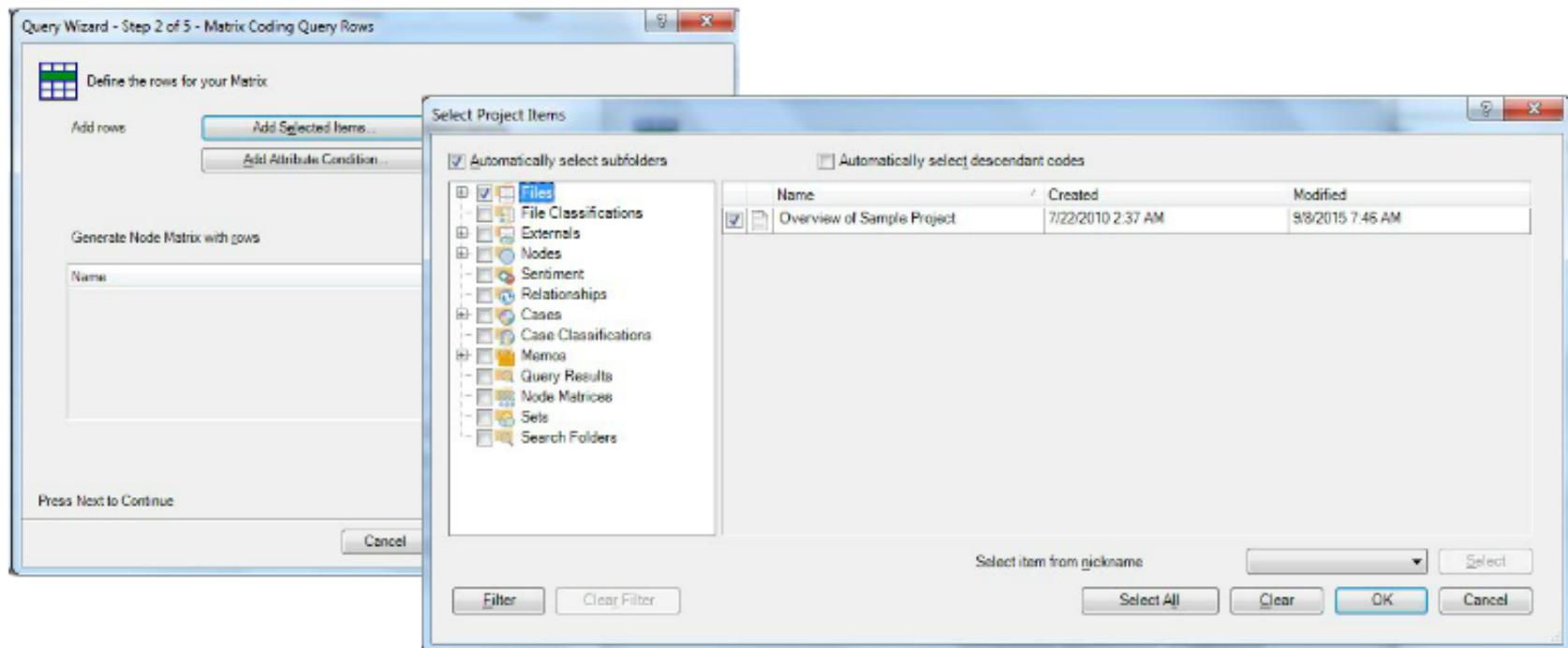
Reference 2 - 0.22% Coverage

pressure on water quality

Reference 3 - 0.98% Coverage

complicated relationship between the methods of trawling or methods that destroy habitat—  
just several factors

# Matrix Coding Query



2. Click **Add Selected Item**. Select **Files** > **OK**
3. Click **Add Attribute Condition**.
4. At dialog box Coding Search Item, click **Select**
5. Select **Interviewer** > **OK**
6. At Attribute, select "equal value" and "Henry"
7. Click **OK** > **Next**

# Matrix Coding Query

**Coding Search Item**

Search for files or content coded by any case where

Attribute

**Select Project Item**

- File Classifications
- Case Classifications
- Search Folders

Name	Created	Modified												
Image-General	6/15/2010 3:40 AM	7/27/2015 11:37 PM												
Image-GIS	6/14/2010 9:27 PM	9/27/2010 6:52 AM												
Interview	5/31/2010 6:02 PM	9/27/2010 7:58 AM												
<table border="1"> <thead> <tr> <th>Name</th> <th>Created</th> <th>Modified</th> </tr> </thead> <tbody> <tr> <td>Interviewer</td> <td>5/31/2010 6:02 PM</td> <td>5/31/2010 9:33 PM</td> </tr> <tr> <td>Date</td> <td>5/31/2010 9:34 PM</td> <td>6/16/2010 3:04 AM</td> </tr> <tr> <td>Time</td> <td>6/25/2010 3:40 AM</td> <td>6/25/2010 3:44 AM</td> </tr> </tbody> </table>			Name	Created	Modified	Interviewer	5/31/2010 6:02 PM	5/31/2010 9:33 PM	Date	5/31/2010 9:34 PM	6/16/2010 3:04 AM	Time	6/25/2010 3:40 AM	6/25/2010 3:44 AM
Name	Created	Modified												
Interviewer	5/31/2010 6:02 PM	5/31/2010 9:33 PM												
Date	5/31/2010 9:34 PM	6/16/2010 3:04 AM												
Time	6/25/2010 3:40 AM	6/25/2010 3:44 AM												
<table border="1"> <thead> <tr> <th>Name</th> <th>Created</th> <th>Modified</th> </tr> </thead> <tbody> <tr> <td>Reference</td> <td>5/3/2012 6:33 AM</td> <td>8/6/2015 12:06 AM</td> </tr> </tbody> </table>			Name	Created	Modified	Reference	5/3/2012 6:33 AM	8/6/2015 12:06 AM						
Name	Created	Modified												
Reference	5/3/2012 6:33 AM	8/6/2015 12:06 AM												

**Coding Search Item**

Search for files or content coded by any case where

Attribute

## Matrix Coding Query

Query Wizard - Step 2 of 5 - Matrix Coding Query Rows

Define the rows for your Matrix

Add rows

(e.g. Nodes, Attribute Values)

(e.g. Age < 21)

Generate Node Matrix with rows

Name

Files\\Social Media\\Linked Online Resources\\Walking Fish - A Community Supported Fisheries Pr

Files\\Survey\\Survey Responses

Interview: Interviewer = Henry

Press Next to Continue

Coding Search Item

Search for files or content coded by any case where

Attribute

(e.g. Age < 21)

Generate Node Matrix with columns

Name

Press Run to run your query, or Next for more options

8. Click **Add Selected Item**. Select **Files** > **OK**
9. Click **Add Attribute Condition**.
10. At dialog box Coding Search Item, click **Select**
11. Select **Source** > **OK**
12. At Attribute, select "equal value" and "Joshua Stoll"
13. Click **OK** > **Next**

# Matrix Coding Query

Select Project Items

Automatically select subfolders  Automatically select descendant codes

- Files
- File Classifications
- Externals
- Nodes
- Sentiment
- Relationships
- Cases
- Case Classifications
- Memos
- Query Results
- Node Matrices
- Sets
- Search Folders

Name	Created	Modified
Overview of Sample Project	7/22/2010 2:37 AM	9/8/2015 7:46 AM

Filter Clear Filter

Select Project Item

- File Classifications
  - Case Classifications
  - Search Folders

Name	Created	Modified
Image-General	6/15/2010 3:40 AM	7/27/2015 11:37 PM
Source	6/15/2010 3:40 AM	7/27/2015 11:22 PM
Township	6/15/2010 3:41 AM	7/27/2015 11:22 PM
Date Taken	6/25/2010 3:45 AM	7/26/2010 11:16 AM
Date Data Accessed	7/27/2015 11:22 PM	7/26/2010 11:17 AM
Scale	7/27/2015 11:22 PM	6/24/2010 11:24 PM
Image-GIS	6/14/2010 9:27 PM	9/27/2010 6:52 AM
Interview	5/31/2010 6:02 PM	9/27/2010 7:58 AM
Reference	5/3/2012 6:33 AM	8/6/2015 12:06 AM

Filter Clear Filter

Coding Search Item

Search for files or content coded by any case where

Attribute: Image-General:Source Select...

Operator: equals value

Value: Joshua Stoll

OK Cancel

# Matrix Coding Query

Query Wizard - Step 3 of 5 - Matrix Coding Query Columns

Define the columns for your Matrix

Add columns: Add Selected Items... (e.g.), Add Attribute Condition... (e.g.)

Generate Node Matrix with columns

Name: Files\\Social Media\\Linked Online Resources\\Walking Fish - A Co, Files\\Survey\\Survey Responses, Image-General.Source = Joshua Stoll

Press Run to run your query, or Next for more options

Matrix Criteria: Run Query, Save Results..., Add to Project

Search in: Files & Externals, Selected Items..., Selected Folders..., Coding at rows, And

Rows: Files\\Overview of Sample Project, Files\\Area and Township\\Area and Township Information, Files\\Area and Township\\Competing water uses

Columns: Files\\Overview of Sample Project, Files\\Area and Township\\Area and Towns, Files\\Area and Township\\Competing wat

	A : Overview of Sample ...	B : Area and Township I...	C : Competing water uses	D : Mars
1 : Overview of Sample ...	1	0	0	0
2 : Area and Township I...	0	24	0	0
3 : Competing water uses	0	0	4	0
4 : Marsh	0	0	0	2
5 : Marshallberg harbor	0	0	0	0
6 : Barrier island develo...	0	0	0	0
7 : Barrier island undeve...	0	0	0	0
8 : Barrier islands and C...	0	0	0	0
9 : Carteret with bounds...	0	0	0	0
10 : Down East with tow...	0	0	0	0
11 : Newer development...	0	0	0	0
12 : Older development ...	0	0	0	0
13 : Project location cont...	0	0	0	0
14 : Project location vari...	0	0	0	0

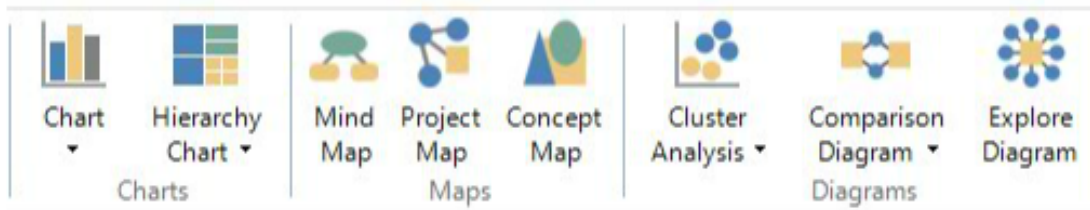
14. Select **Files & Externals**  
> **Next**

15. Select **Run this Query once** > **Run**

# **CHART, MAP, ANALISYS CLUS**

# Explore - Chart

## Sample Project.npv






## Chart

Charts can help you answer questions—for example, *What are the dominant themes in this interview transcript?* or *How is coding spread across the different demographic groups in the project?*

## Hierarchy Chart

Hierarchy Charts *visualize a hierarchy*, helping you to see *patterns in your coding* or *view the attribute values of cases* and files.

# Chart

Type	Description	Example
Column	<ul style="list-style-type: none"><li>• 100% stacked bar chart</li><li>• Grouped bar chart</li></ul>	
	<p>Column charts are useful when comparing quantity or analyzing an increasing/decreasing trend.</p> <p>Variations on this type of chart include:</p> <ul style="list-style-type: none"><li>• 3-axes column chart</li><li>• Stacked column chart</li><li>• 100% stacked column chart</li><li>• Grouped column chart</li></ul>	
Pie	<p>Pie charts effectively show the proportion of different parts that make up a whole.</p>	
Bubble charts	<p>Bubble charts show varying density of data when comparing combinations of variables.</p>	

Adobe Flash Player 11

File View Control Help

# Chart

Chart Wizard - Step 1 of 3

**Welcome to the Chart Wizard**

Select the chart you would like to generate.

- Coding
- File
- Cases

Create a chart for coding

Press Next to continue.

Cancel Back Next

Chart Wizard - Step 2 of 3

Select the coding chart you would like to generate.

- Coding for a file
- Coding by case attribute value for a file
- Coding by case attribute value for multiple files
- Coding for a code
- Coding by case attribute value for a code
- Coding by case attribute value for multiple codes

Compare the coding for a particular file. For example, chart any file to show the nodes which code it by percentage of coverage or number of references.

Press Next to continue.

Cancel Back Next

1. Select **Explore > Chart**
2. Select **Coding > Next**
3. Select **Coding for a file > Next**
4. Click **Select**
5. Select "Barbara", then click **OK**
6. Click **Finish**

Ariesto Hadi Sutopo

4/23

Chart Wizard - Step 3 of 3

Chart Items

File

X-axis

Y-axis

Z-axis

Select Project Item

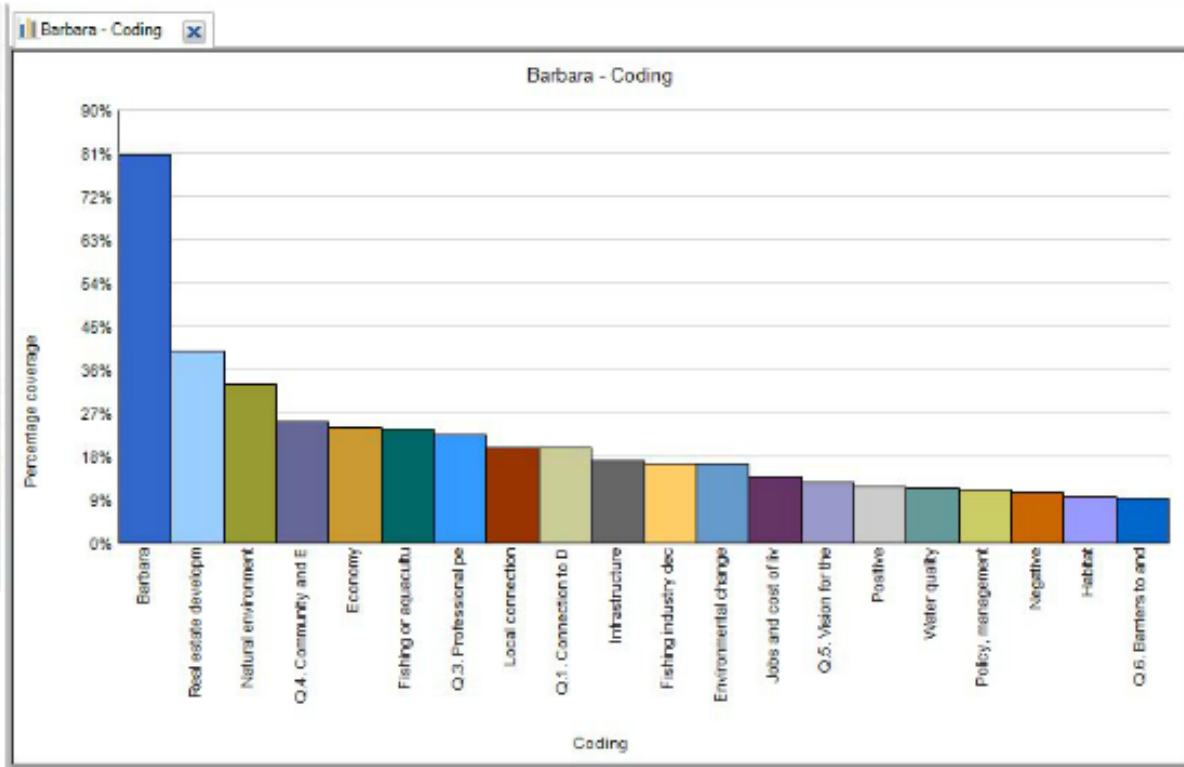
Name	Created	Modified
Barbara	5/27/2010 6:03 PM	5/6/2015 7:56 AM
Betty and Paul	5/27/2010 10:49 AM	5/6/2015 7:55 AM
Charles	5/27/2010 6:03 PM	5/6/2015 7:56 AM
Dorothy	5/27/2010 6:03 PM	5/6/2015 7:56 AM
Helen	4/17/2010 9:59 AM	5/6/2015 7:55 AM
Ken	5/27/2010 10:36 AM	5/6/2015 7:54 AM
Margaret	5/27/2010 6:03 PM	5/6/2015 7:56 AM
Marie and Daniel	5/27/2010 6:03 PM	5/6/2015 7:56 AM
Mary and James	5/27/2010 6:03 PM	5/6/2015 7:56 AM
Richard and Patricia	5/27/2010 6:03 PM	5/6/2015 7:57 AM
Robert	5/27/2010 6:03 PM	5/6/2015 7:57 AM
Susan	5/27/2010 6:03 PM	5/6/2015 7:58 AM
Thomas	5/27/2010 6:03 PM	5/6/2015 7:58 AM
William	5/27/2010 6:03 PM	5/6/2015 8:03 AM

# Chart

Search Project

### Interviews

Name	Codes	References
Betty and Paul	13	41
Helen	14	50
Ken	17	56
Thomas	28	112
Robert	31	96
Margaret	35	78
Richard and Patricia	35	101
Charles	38	134
Dorothy	39	128
Mary and James	42	111
<b>Barbara</b>	<b>43</b>	<b>197</b>
Maria and Daniel	43	150
Susan	47	146
William	47	106



*Chart of coding for a file*

# Hierarchy Chart

**Hierarchy Chart Wizard - Step 1 of 2**

Welcome to the Hierarchy Chart Wizard

What would you like to visualize?

Amount of coding for:

- Codes
- Files, Externals & Memos

Sentiment coded to:

- Codes

Attribute Values assigned to:

- Cases
- Files, Externals & Memos

For example, s references that

The more cod are

Press Next to continue.

Cancel Back

**Hierarchy Chart Wizard - Step 2 of 2**

Select what you want to visualize.

Compare

- All codes
- All cases
- All sentiment
- Selected items

Select...

Coded at

- All Files, Externals & Memos
- Selected items

Select...

Environment

Impacts

Habitat

Quality

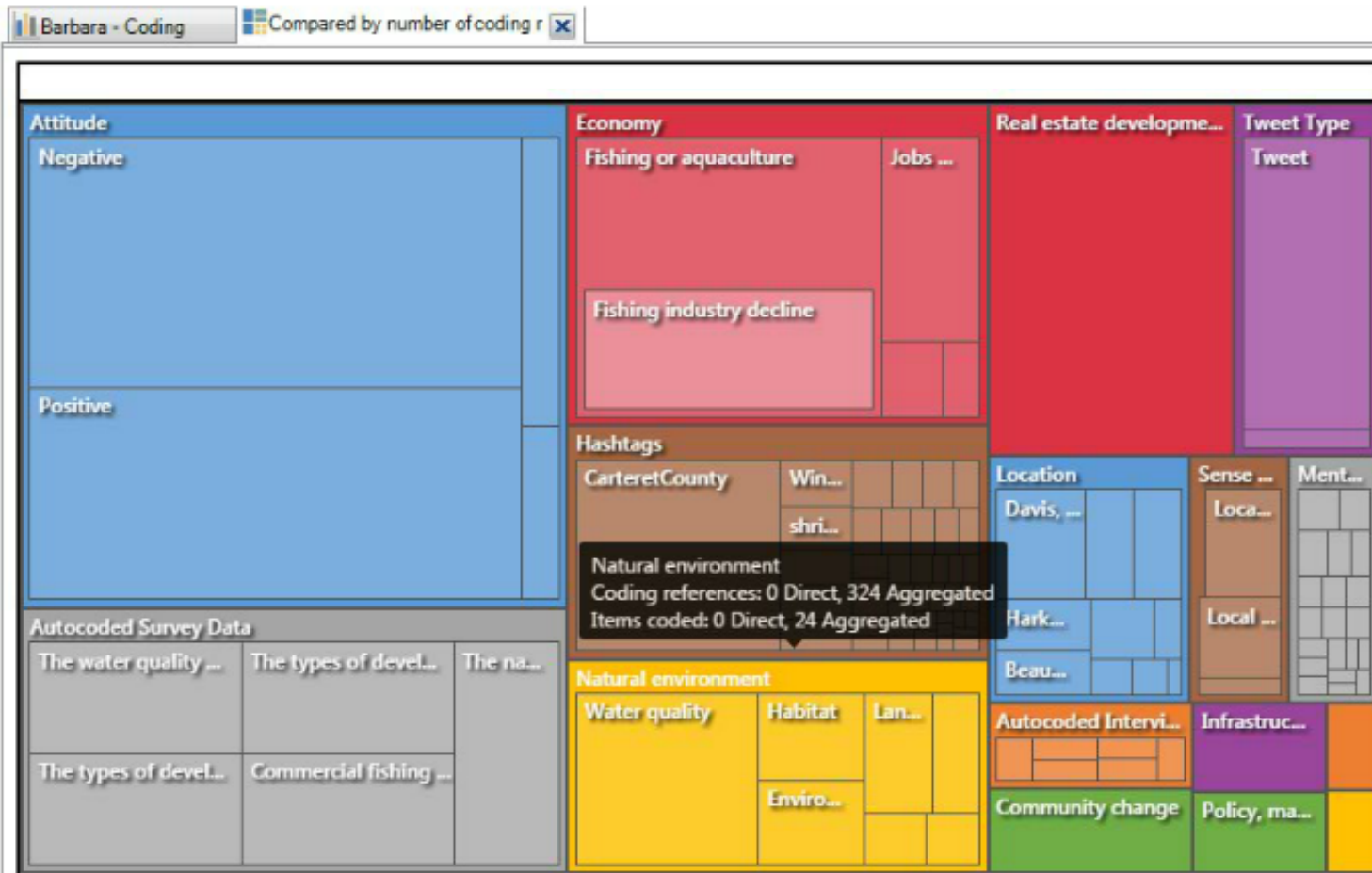
Landscape

Compare all your theme nodes by the amount of coding at all files, to identify prominent themes or concepts in your project.

Cancel Back Finish

1. Select **Explore** > **Hierarchy Chart**
2. Select **Codes** > **All codes**
3. Click **Finish**

# Hierarchy Chart



# Hierarchy Chart

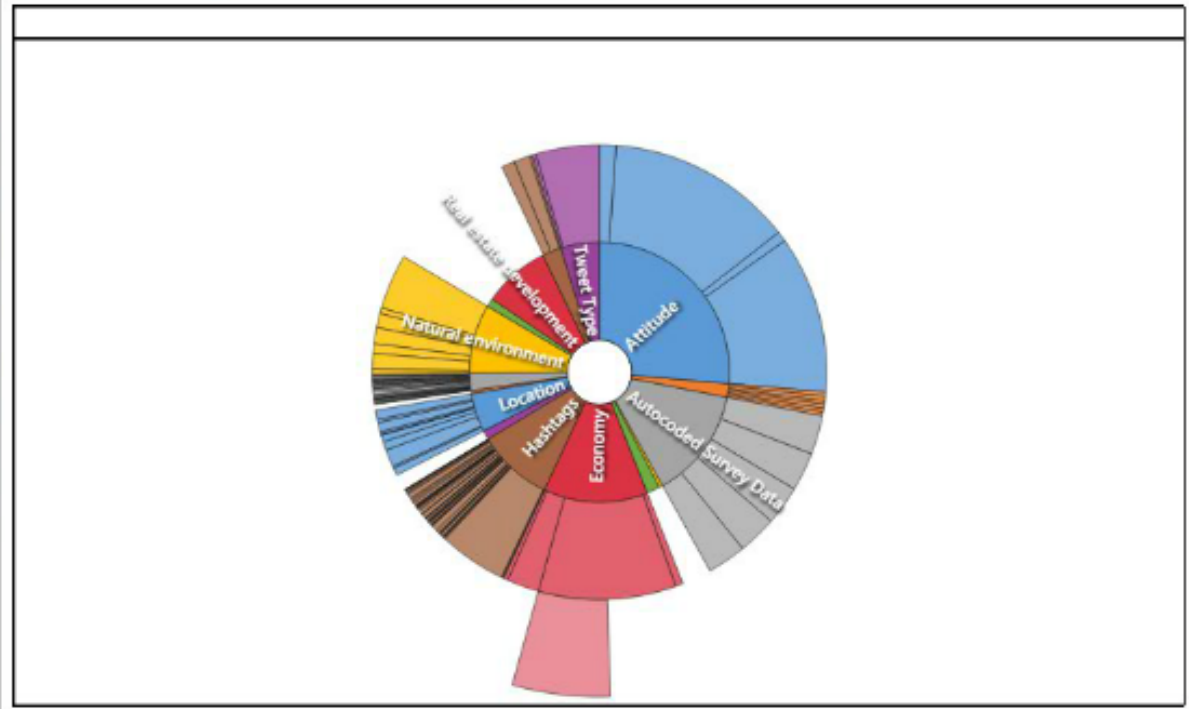
Color By: Hierarchy  None, Coding References  Item Color, Items Coded

Size By: Coding References, Items Coded

Type: [Icons for Hierarchy and Sunburst]

View Level: [Slider]

Barbara - Coding Compared by number of coding r Compared by number of coding



3. Select another type

Adobe Flash Player 11

File View Control Help

# Explore - Map



Chart  
Hierarchy Chart  
Mind Map  
Project Map  
Concept Map  
Cluster Analysis  
Comparison Diagram  
Explore Diagram

Charts  
Maps  
Diagrams

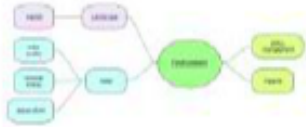
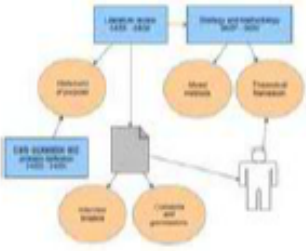

**Map**  
Map is used to *explore the ideas* or to *present the connections in the data*

**Mind Map**  
A mind map reflects what you think about a single topic and is usually created quickly or spontaneously

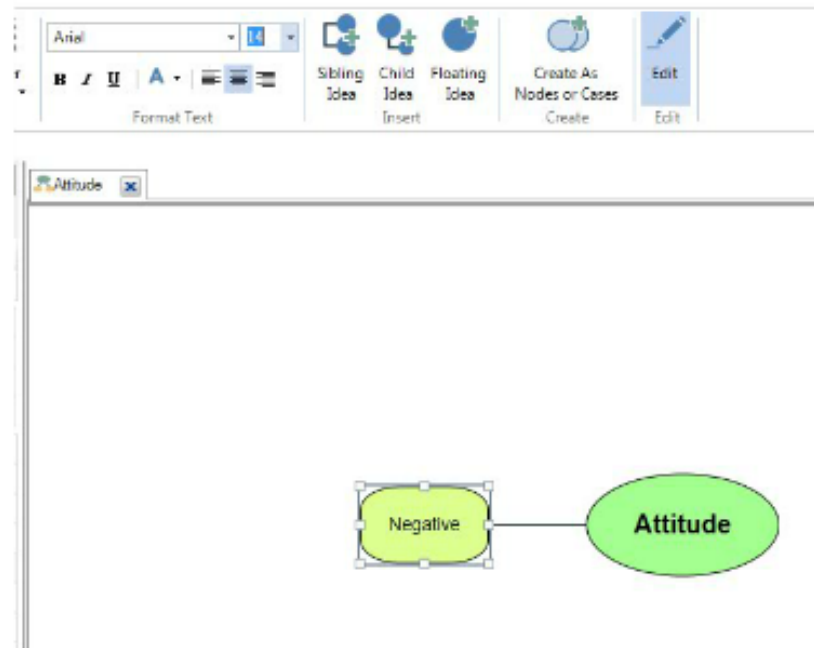
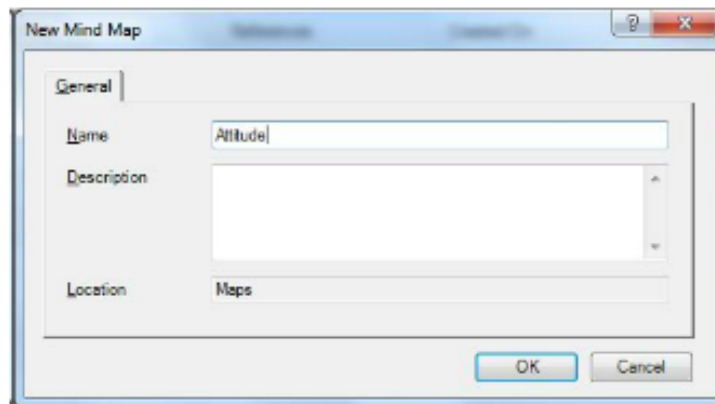
**Concept Map**  
A concept map to map out your ideas or to explore and present the connections in your data

Ariesto Hadi Sutopo 10/23

# Map

Use a	When you want to	Example layout
Mind map	Brainstorm your ideas and visualize your thoughts.	
Concept map	Define concepts and think through their connections.	
Project map	Display the items and links in your project.	

# Mind map



1. Select **Explore > Mind Map**
2. Type "Attitude" at field Name > click **OK**
3. Type "Attitude" at the oval shape
4. Click **Child Idea Insert**, then type "Negative".
5. Do the same with "Positive", "Neutral", and "Mixed"

# Mind Map

Sample - Sample Project (3).nvp - NVivo 12 Plus

**Mind Map Tools**

File Home Import Create Explore Share Mind Map

Zoom Layout Size Format Shape Format Text Insert Create Edit

Zoom Layout Size Format Shape Format Text Insert Create Edit

Quick Access

- Files
- Memos
- Nodes

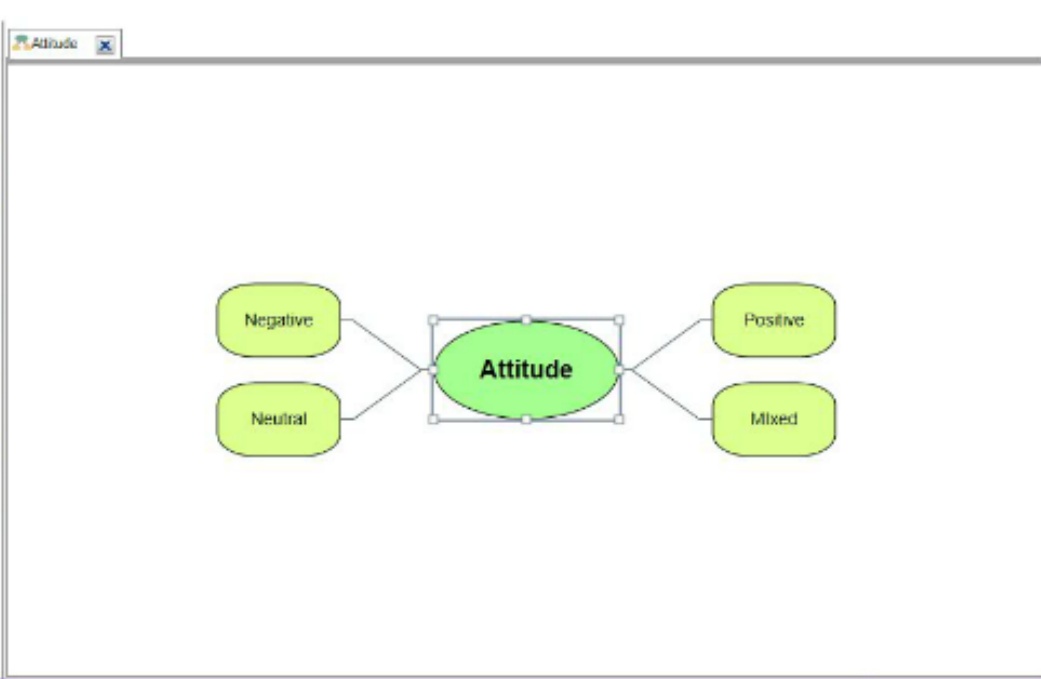
Data

- Files
  - Area and Township
    - Interviews
    - Literature
    - News Articles
    - Social Media
    - Survey
  - File Classifications
  - Externals
- Codes
  - Nodes
    - Sentiment
    - Relationships
    - Relationship Types
  - Cases
  - Notes

Search Project

**Nodes**

Name	Files	Referenc
Attitude	0	0
Mixed	8	44
Negative	14	499
Neutral	1	27
Positive	12	421
Balance	6	18
Community change	18	62
Economy	25	486
Infrastructure	11	43
Memorable quotes	5	16
Natural environment	24	324
Policy, management	14	38
Real estate development	27	313
Sense of community Dow	3	4

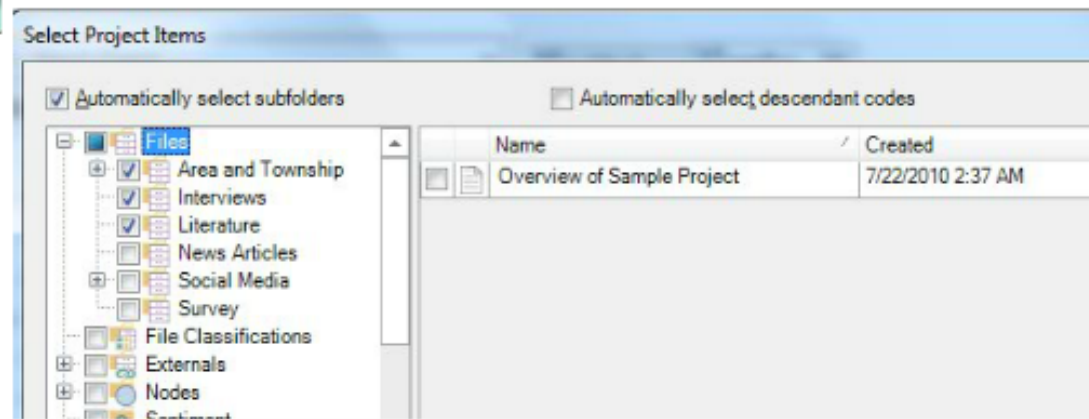
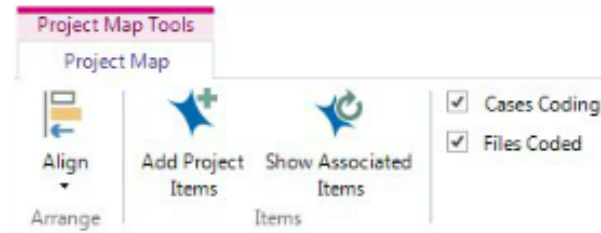
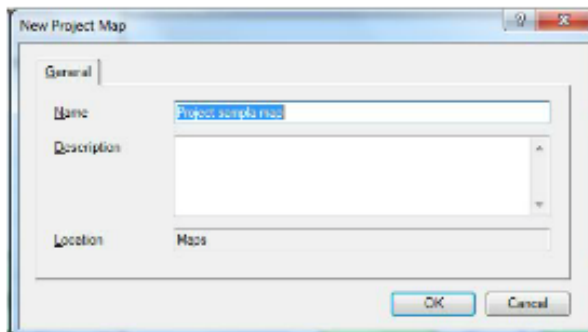


AH 36 Items Editable

Windows taskbar with icons for File Explorer, Chrome, Firefox, Adobe InDesign, Adobe Animate, Adobe Reader, and Adobe Photoshop.

System tray: 3:19 PM 5/24/2019

# Project map



1. Select **Explore** > **Project Map** > **Project Item**
2. Type "Project sample map" at field Name > click **OK**
3. Pada Project Map Tools, click **Project Item**
4. Select "Area and Township", "Interviews", and "Literature", then click **OK**.
5. Do the same with "Positive", "Neutral", and "Mixed"



# Concept map

New Concept Map

General

Name: Concept map sample project

Description:

Location: Mapa

OK Cancel

Search Project

Nodes

Name	Files	Referenc
Attitude	0	0
Mixed	8	44
Negative	14	499
Neutral	1	27
Positive	12	421
Balance	6	16
Community change	18	62
Economy	25	486
Infrastructure	11	43
Memorable quotes	5	16
Natural environment	24	324

projMap2 mapProj zy www

Add Shapes

- Rectangle
- Rounded Rectangle
- Square
- Ellipse
- Circle

Thomas

Negative

Neutral

Positive

1. Select **Explore > Concept Map**
2. Type "Concept map sample project" at field Name > click **OK**
3. Drag file "Thomas" and nodes "Attitude", "Negative", "Neutral", and "Positive"
4. Select **Conector** for relation between object.

# Concept map

Sample - Sample Project (3).nvp - NVivo 12 Plus

Concept Map Tools

File Home Import Create Explore Share Concept Map

Zoom Align Resize Change Connector Fill Border Color Border Width Format Shape Format Text Tools Add Project Item Edit

Zoom Arrange Size Connectors Format Shape Format Text Tools Add Project Item Edit

Quick Access

- Data
  - Files
    - Area and Township
    - Interviews
    - Literature
    - News Articles
    - Social Media
    - Survey
  - File Classifications
  - Externals
- Codes
  - Nodes
    - Sentiment
      - Relationships
      - Relationship types
  - Cases
  - Notes
  - Search
  - Maps

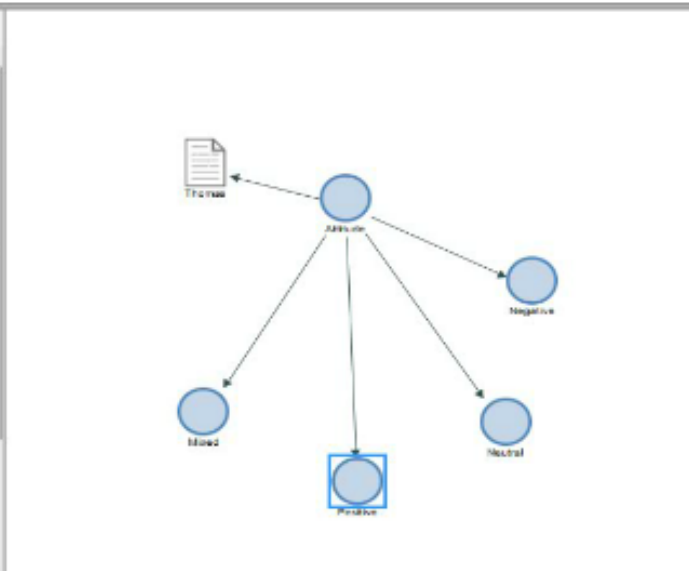
Search Project

Nodes

Name	Files	Referenc
Attitude	0	0
Mixed	8	44
Negative	14	499
Neutral	1	27
Positive	12	421
Balance	6	16
Community change	18	62
Economy	25	486
Infrastructure	11	43
Memorable quotes	5	16
Natural environment	24	324
Policy, management	14	38
Real estate development	27	313
Sense of community Dow	3	4

Add Shapes

- Rectangle
- Rounded Rectangle
- Square
- Ellipse
- Circle
- Down Triangle
- Triangle
- Left Triangle



All Sense selected Editable

Taskbar: Windows, Chrome, Firefox, Id, An, Ps, Print, Volume, Network, 4:35 PM 6/24/2019

Adobe Flash Player 11

File View Control Help

# Cluster Analysis

Cluster Analysis Wizard - Step 1 of 2

**Welcome to the Cluster Analysis Wizard**

Select the type of items you would like to cluster.

Files, Externals & Memos

Codes

Perform cluster analysis to generate a diagram together if they are similar on selected characteristics or cluster map.

Press Next to continue.

Cancel

Select Project Items

Automatically select subfolders

Name	Created	Modified
Overview of Sample Project	7/22/2010 2:37 AM	9/8/2015 7:46 AM

Filter Clear Filter

Select item from pickname

Select All Clear OK Cancel

1. Select **Explore > Cluster Analysis > Cluster Analysis**
2. Select **Files, Externals & Memos**. Click **Next**
3. Select "Interviews" and "Literature". Click **OK > Finish**

Ariesto Hadi Sutopo

18/23

# Cluster Analysis

Sample - Sample Project (3)-nvp - NVivo 12 Plus

Cluster Analysis Tools

File Home Import Create Explore Show Cluster Analysis

Zoom: Similarity, Filter, Rotation (X, Y, Z)

Type: [Icons for different cluster analysis types]

Select Data: Clusters: 10, Show Cluster 3D, Word Frequency

Quick Access: Data, Files, Interviews, Literature, News Articles, Social Media, Survey, File Classifications, Externals, Codes, Nodes, Sentiment, Relationships, Relationship Types, Cases, Notes, Search, Maps

Name	Codes	References
Betty and Paul	13	41
Helen	14	50
Ken	17	56
Thomas	28	112
Robert	31	96
Margaret	35	78
Richard and Patricia	35	101
Charles	38	134
Dorothy	39	128
Mary and James	42	111
Barbara	43	107
Maria and Daniel	43	150
Susan	47	146
William	47	106

Items clustered by word similarity

# Comparison Diagram

Mind Map Project Map Concept Map Cluster Analysis **Comparison Diagram** Explore Diagram

Compare Files  
Compare Nodes  
Compare Cases

1. Select **Explore > Comparison Diagram > Compare Nodes**
2. Select "Fishing or aquaculture" and "Tourism".  
Click **OK**

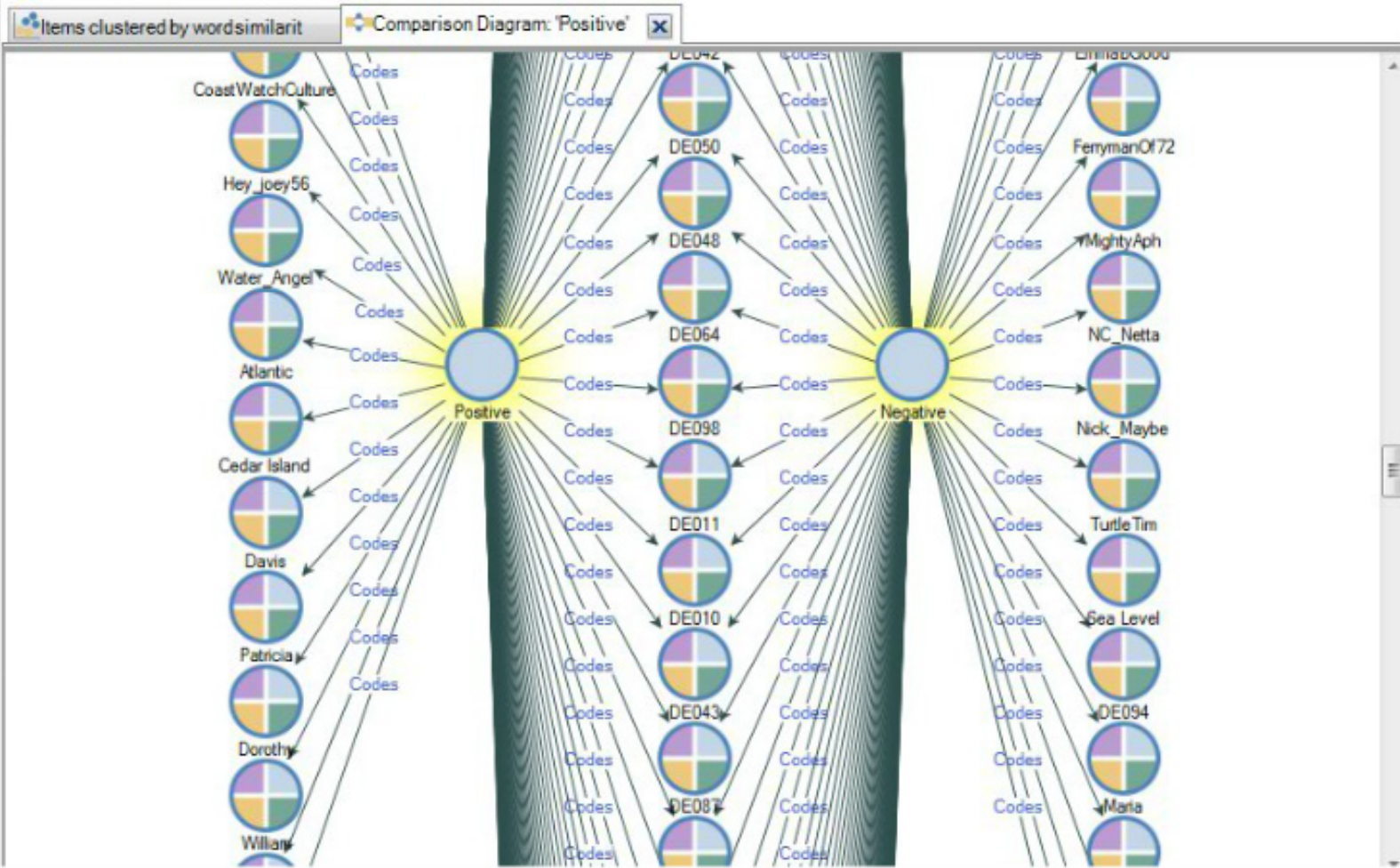
Select Project Items

Automatically select subfolders  Automatically select descendant codes

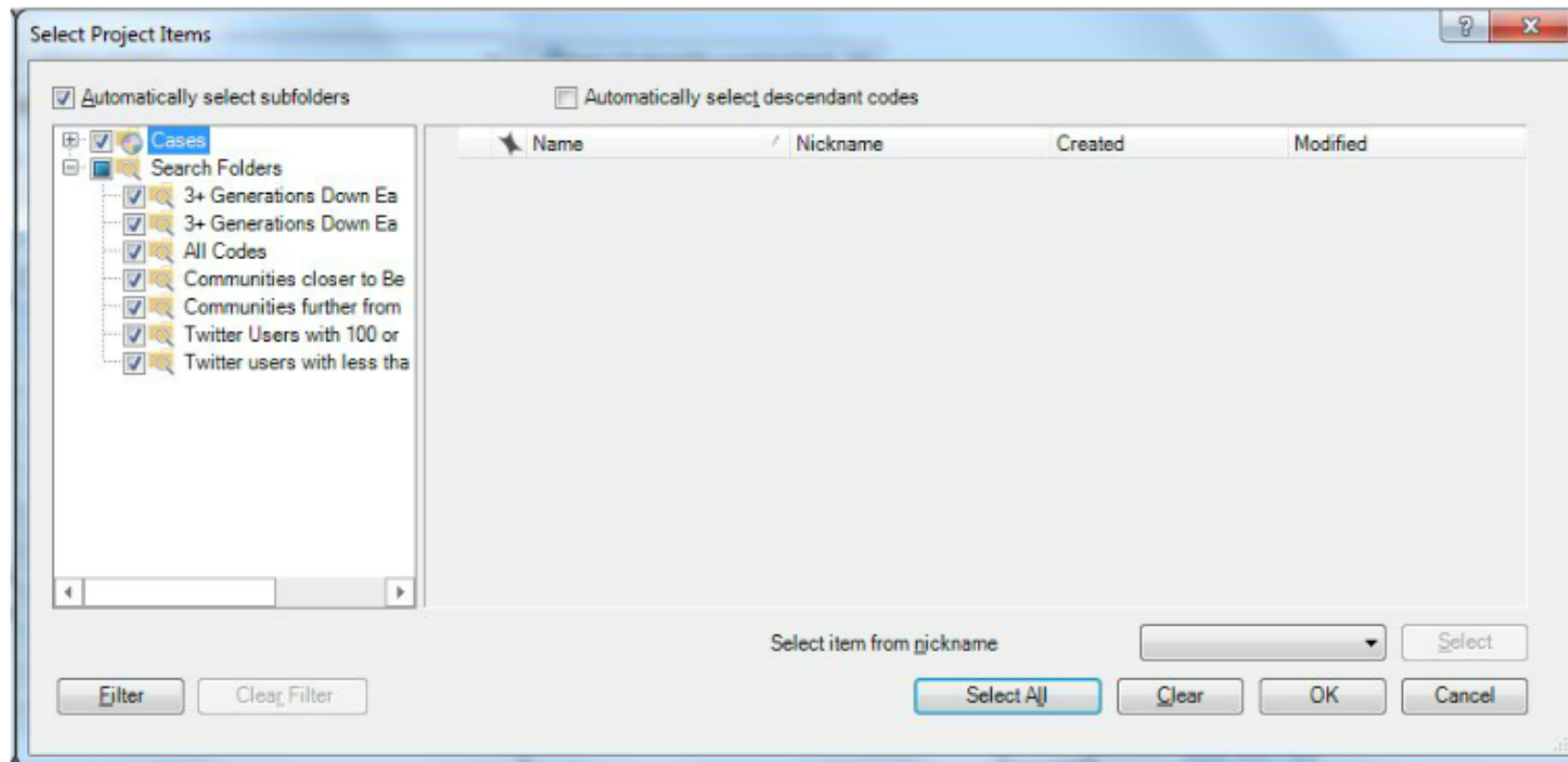
Name	Nickname	Created	Modified
Attitude		5/16/2010 3:05 AM	8/25/2015 12:26 AM
<input type="checkbox"/> Mixed <input checked="" type="checkbox"/> Negative <input type="checkbox"/> Neutral <input checked="" type="checkbox"/> Positive		5/16/2010 3:06 AM 5/16/2010 3:05 AM 6/26/2010 7:24 PM 5/16/2010 3:05 AM	8/6/2015 11:01 PM 8/6/2015 11:01 PM 6/30/2010 4:31 AM 8/6/2015 11:01 PM
Balance		5/17/2010 9:57 PM	5/5/2015 10:08 AM
Community change		5/16/2010 3:20 AM	5/5/2015 10:12 AM
Economy		5/16/2010 2:38 AM	3/16/2011 10:16 AM
Infrastructure		5/16/2010 2:38 AM	8/6/2015 11:01 PM
Memorable quotes		6/1/2010 6:47 PM	5/5/2015 10:12 AM
Natural environment		5/16/2010 2:39 AM	5/10/2012 9:20 AM
Policy, management		6/16/2010 1:47 AM	8/6/2015 11:01 PM

Select item from nickname

# Comparison Diagram



# Network Sociogram



1. Select **Explore > Network Sociogram > Network Sociogram**
2. Click **Select All > OK**

# Network Sociogram

Search Project

Interviews

Name	Codes	References
Betty and Paul	13	41
Helen	14	50
Ken	17	56
Thomas	28	112
Robert	31	96
Margaret	35	78
Richard and Patricia	35	101
Charles	38	134
Dorothy	39	128
Mary and James	42	111
Barbara	43	197
Maria and Daniel	43	150
Susan	47	146
William	47	106

Items clustered by wordsimilarity Network Sociogram

### Sociogram Options

**Include relationships**

- grew up in
- has family in
- is a member of
- is married to
- mentions
- went to school at

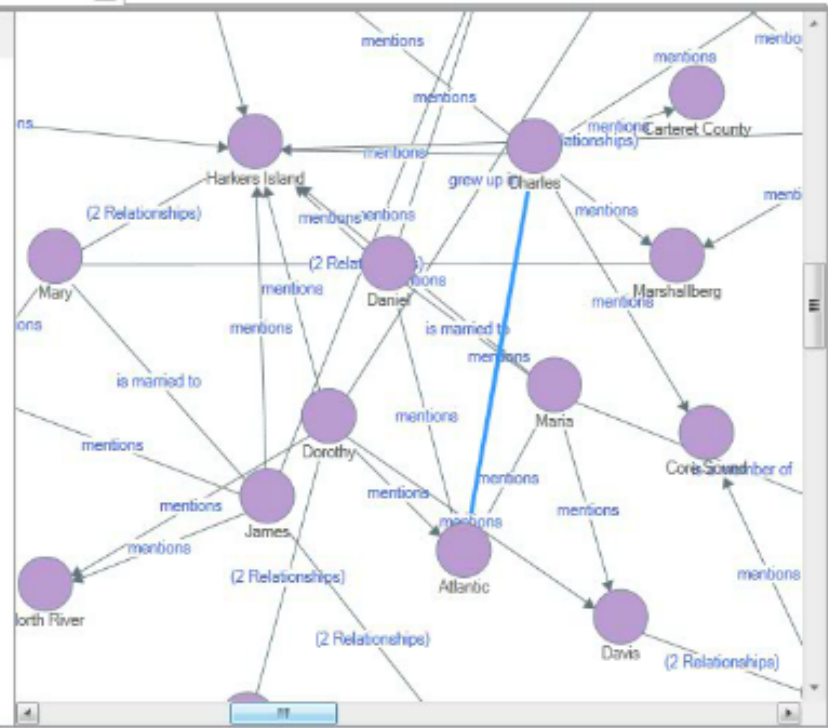
**Display**

Size vertices by: ----

Color vertices by: ----

Filter vertices by: ----

Scale edge weight by: ----



# Share - Report

File Home Import Create Explore Share Sociogram

New Report Output New Extract Export Project Copy Project Page Setup Print Preview

Report Wizard - Step 1 of 8

How would you like to build your report?

From a view Code

From an extract

Build your report based on a 'view' of view that you choose. For example, the code view includes most of the fields to do with codes such as node name, description and creator.

Experiment by selecting a view and choosing Next to see the fields that are available.

Cancel Back Next Finish

1. Select **Share > Report > New Report**
2. Select **Code**
3. Select fields to the right area
4. Click **Next > Next > Next**

Report Wizard - Step 2 of 8

Which fields do you want on your report?

Available fields

- Code
  - Name
  - Description
  - Code Type
- Folder Location
- Nickname
- User Assigned Color
- Aggregate
- Created By Initials
- Created By Username
- Created On
- Modified By Initials
- Modified By Username
- Modified On
- Linked Memo Name
- Number Of Children
- Number Of Files Coded
- Number Of Coding References
- Number Of Users Coding
- Relationship Type

Select

Report Wizard - Step 5 of 8

What sort order do you want for records?

1		Ascending
2		Ascending
3		Ascending
4		Ascending

Cancel Back Next Finish

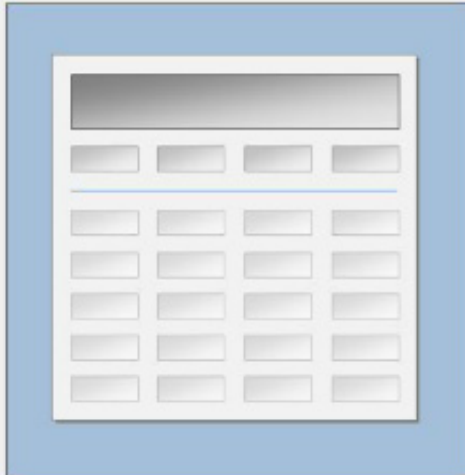
5. Define sorting order, then click **Next**
6. Define layout, then click **Next**
7. Define style, then click **Next**

8. Type name and description, then click **Finish**

# Report

Report Wizard - Step 6 of 8

How would you like to lay out your report?



**Layout**

- Stopped
- Block
- Outline
- Columnar
- Tabular

**Orientation**

- Portrait
- Landscape

Cancel Back

Report Wizard - Step 8 of 8

What name and description do you want for your report?

Name:

Description:

Location:

Title:

Open report in Report Designer

That's all the information the wizard needs to create your report.

Cancel Back Finish

# Report

Items clustered by wordsimilarit   Network Sociogram   Research Report - Report Result

Reports\Research Report

Name	Description
Agriculture	
Attitude	A person's general feeling of favorableness or unfavorableness. Synonym: affect (Ajzen and Fishbein) Evaluation of people, objects, a

Research Report

Name	Description	Date Type	Created by (Name)	Created by (Avatar)	Created On	Last Modified On
Attitude	A person's general feeling of favorableness or unfavorableness. Synonym: affect (Ajzen and Fishbein) Evaluation of people, objects, a	Year	Yusuf	[Avatar]	1/10/2012 10:10:10 AM	1/10/2012 10:10:10 AM
Attitude	A person's general feeling of favorableness or unfavorableness. Synonym: affect (Ajzen and Fishbein) Evaluation of people, objects, a	Year	Yusuf	[Avatar]	1/10/2012 10:10:10 AM	1/10/2012 10:10:10 AM
Attitude	A person's general feeling of favorableness or unfavorableness. Synonym: affect (Ajzen and Fishbein) Evaluation of people, objects, a	Year	Yusuf	[Avatar]	1/10/2012 10:10:10 AM	1/10/2012 10:10:10 AM
Attitude	A person's general feeling of favorableness or unfavorableness. Synonym: affect (Ajzen and Fishbein) Evaluation of people, objects, a	Year	Yusuf	[Avatar]	1/10/2012 10:10:10 AM	1/10/2012 10:10:10 AM
Attitude	A person's general feeling of favorableness or unfavorableness. Synonym: affect (Ajzen and Fishbein) Evaluation of people, objects, a	Year	Yusuf	[Avatar]	1/10/2012 10:10:10 AM	1/10/2012 10:10:10 AM
Attitude	A person's general feeling of favorableness or unfavorableness. Synonym: affect (Ajzen and Fishbein) Evaluation of people, objects, a	Year	Yusuf	[Avatar]	1/10/2012 10:10:10 AM	1/10/2012 10:10:10 AM
Attitude	A person's general feeling of favorableness or unfavorableness. Synonym: affect (Ajzen and Fishbein) Evaluation of people, objects, a	Year	Yusuf	[Avatar]	1/10/2012 10:10:10 AM	1/10/2012 10:10:10 AM
Attitude	A person's general feeling of favorableness or unfavorableness. Synonym: affect (Ajzen and Fishbein) Evaluation of people, objects, a	Year	Yusuf	[Avatar]	1/10/2012 10:10:10 AM	1/10/2012 10:10:10 AM
Attitude	A person's general feeling of favorableness or unfavorableness. Synonym: affect (Ajzen and Fishbein) Evaluation of people, objects, a	Year	Yusuf	[Avatar]	1/10/2012 10:10:10 AM	1/10/2012 10:10:10 AM

Sample - Sample Project (3).nvp - NVivo 12 Plus

File Home Import Create Explore Share **Report Tools**

New Report New Extract Export Project Copy Project Page Setup **Print Preview** Print List Print Export Export List Export Codebook Export Bibliography

## 9. Select **Share > Print Preview**

Print Preview

File View Tools

100% Close

6/24/2019 7:45 PM

### Research Report

Name	Description	Code Type	Created By Initials	Created By Username	Created On	Modified On
Apprehense		Node	WWS	Wanda Swope	5/11/2010 2:38 AM	5/15/2015 10:12 AM
Attitude	A person's general feeling of favorableness or unfavorableness. Synonym: affect (Affect and Affect) Evaluation of people, objects, and ideas	Node	WWS	Wanda Swope	5/15/2010 3:05 AM	6/25/2015 12:26 AM
Autocoded Interview Questions	Nodes autocoded by question in the interview	Node	WWS	Wanda Swope	5/29/2010 2:20 AM	6/2/2010 12:00 PM
Autocoded Surveys	Nodes coded by	Node	WWS	Wanda Swope	6/24/2010 9:21 AM	6/30/2010 1:21 AM

# Qualitative Data Processing Using

# Thank You

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