

Training qualitative research methods

AtlasTi

Project 825026

SC1-BHC-16-2018



Horizon 2020
European Union Funding
for Research & Innovation

Welcome and introduction



- Program:
 - Atlas Ti
 - Introduction in AtlasTi
 - Demonstration of AtlasTi
 - Practicing with AtlasTi

Learning goals



After this webinar, participants will:

- Have an understanding of how AtlasTi works
- Have developed skills to work with AtlasTi (eg importing documents, coding and analyzing data)
- Have an understanding of how to work together in AtlasTi

Steps in qualitative data analysis



- Organizing data
 - data management plan
 - file naming
 - transcription

- Exploring data

- Coding data
- Analysing data: description, comparison, categorising, conceptualizing
- Presenting



Coding

- Heart of qualitative data analysis
- Data reduction
- Coding as a filing cabinet
 - Sorting data into broad themes
 - Storing it where you can find it again
 - With other examples of the same thing
- Reflexive activity:
 - Researcher has to design the filing system and to decide about what to file and where to file



Software – Word/Excel



- Word / Excel
- Table

Group code	Code	Quotation
Group 1	Code 1.1	Bla bla bla bla bla bla bla (Int 1)
		Bla bla bla bla bla bla bla (Int 2)
		Bla bla bla bla bla bla bla (Int 3)
	Code 1.2	Bla bla bla bla bla bla bla (Int 6)
		Bla bla bla bla bla bla bla (Int 4)
Group 2	Code 2.1	Bla bla bla bla bla bla bla (Int 9)
	Code 2.2	Bla bla bla bla bla bla bla (Int 1)

Software - CAQDAS



- CAQDAS: computer assisted qualitative data analysis software
- Electronic filing cabinet



Atlas.ti: advantages



- Efficient way of storing and retrieving all data for a give code
- Possible to code different type of data:
 - text, audio/video, pictures, twitter feeds, geo-data
- Once you have your coding structure set up, coding is quick
- More transparency
- Search data
- Visual output of data



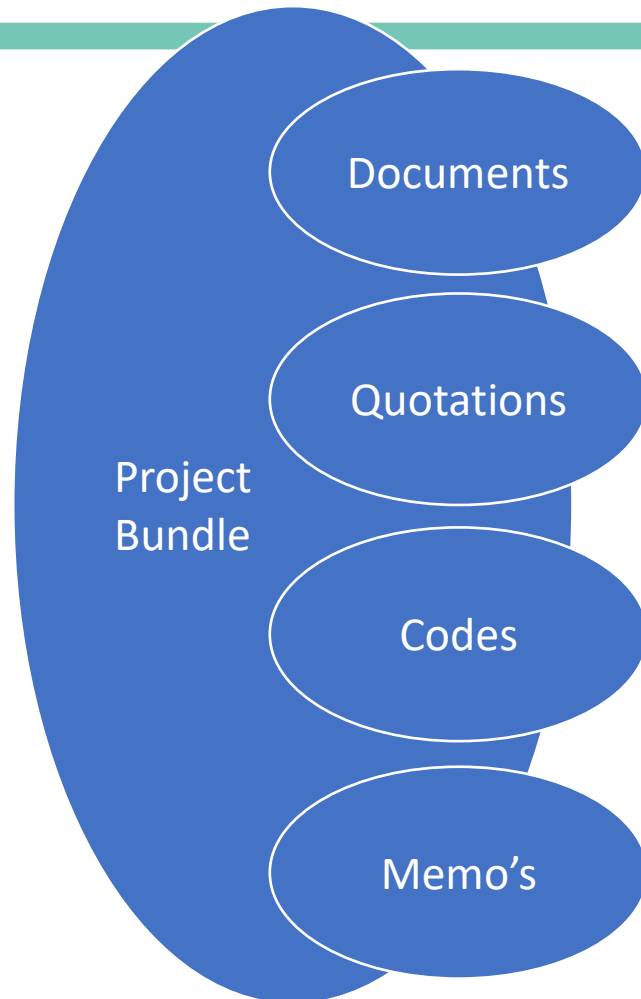
Atlas.ti: disadvantages



- Temptation to collect lots of data – losing depth and richness
- Different versions:
 - Atlas.ti 9 or Atlas.ti 22
 - Windows or Mac
- Working in teams:
 - Which version
 - Project Bundle!



Atlas project



- Data / document that needs to be coded
- Data segment that is relevant according researcher
- Label linked to quotation
- Notes of researcher
- Linked to quotation or stand-alone

Explore

Search

- SUNI SEA - FGD Vietnam
 - Documents (4)
 - Codes (5)
 - Memos (0)
 - Networks (0)
 - Document Groups (0)
 - Code Groups (0)
 - Memo Groups (0)
 - Network Groups (0)
 - Multimedia Transcripts (0)

SUNI SEA - FGD Vietnam

The project has no comment.
Click to edit comment

Project Overview

Documents	4
Codes	78
Quotations	0
Memos	0
Networks	0

Created by Manna Alma on 02-12-2022

Last modified on 02-12-2022

Current user Manna Alma

Version 22.2.4.0

Comment:

Select an item to show its comment

Documents



- Data files or data sources that has to be coded
- Different formats
 - text, image, audio, video, geographic materials, survey data, pdf
- Document groups:
 - quasi dichotomous variables (eg gender, different professions, marital status)
 - Patients
 - Commune health stations
 - District health centers
 - Provincial department of healths

File Home Search & Code Analyze Import & Export Tools Help Documents Search & Filter Tools View Feedback & Help

Add Documents New Group New Smart Group Search & Code Focus Group Coding Rename Document Delete Edit Comment Open Group Manager Show in Network Word Cloud Word List Concepts Opinion Mining Report Excel Export

New Coding Manage Explore & Analyze

Explore

SUNI SEA - FGD Vietnam

- Documents (4)
 - D 1: FGD_Commune health station_Manna (0)
 - D 2: FGD_Distric health centers_Manna (0)
 - D 3: FGD_Patients_Manna (0)
 - D 4: FGD_Provincial Department of Health_200104_Manna (0)
- Codes (5)
 - Memos (0)
 - Networks (0)
 - Document Groups (1)
 - Code Groups (0)
 - Memo Groups (0)
 - Network Groups (0)
 - Multimedia Transcripts (0)

Document Manager

Search Document Groups

Document Groups

- Patients (1)

Search Documents

ID	Name	Media Type	Location	Groups	Quotations	Created by	Modif
D 1	FGD_Commune health station_Manna	Text	Library		0	Manna Alma	Manr
D 2	FGD_Distric health centers_Manna	Text	Library		0	Manna Alma	Manr
D 3	FGD_Patients_Manna	Text	Library	[Patients]	0	Manna Alma	Manr
D 4	FGD_Provincial Department of Healt...	Text	Library		0	Manna Alma	Manr

Comment:

Select an item to show its comment

Diagram Preview Comment

Code Distribution across Documents

Quotations

- A segment of the data that is of interest to the researcher
- Manager: overview of all quotations
- Selected segments:
 - Few sentences
 - Part of picture
 - Few seconds of a video or audio

having children, on the other hand, does not look so wonderful.

Over the past few decades, social scientists like me have found consistent evidence that there is an almost zero association between having children and happiness. My analysis in the *Journal of Socio-economics*



Codes



- Label for quotation
- Deductive or inductive
- Manager: codebook

The screenshot displays the 'Manage Codes' window of the SUNI-SEA software. The interface is divided into several sections:

- Top Menu:** Includes 'File', 'Home', 'Search & Code', 'Analyze', 'Import & Export', 'Tools', and 'Help'. The 'Codes' tab is active.
- Toolbar:** Contains icons for 'New Folder', 'New Smart Code', 'New Smart Group', 'Duplicate Code(s)', 'Rename', 'Delete', 'Edit Comment', 'Open Group Manager', 'Change Color', 'Merge Codes', 'Split', 'Show in Network', 'Word Cloud', 'Word List', 'Concepts', 'Opinion Mining', 'Report', and 'Excel Export'.
- Explore Panel (Left):** Shows a tree view of the project structure. Under 'SUNI SEA - FGD Vietnam', there are four document folders (D 1 to D 4) and a 'Codes (3)' folder which is currently selected.
- Code Manager (Center):** Displays a message: 'No code groups. Drag codes here to create a group. Learn more about groups.' A large diamond icon is visible above the message.
- Search Entities (Right):** A table listing various code categories and their counts. The table has columns for 'Name', 'Grounded', 'Density', and 'Groups'.

Name	Grounded	Density	Groups
Adherence and maintenance healthy lifestyle	0	0	0
Adherence to medical treatment	0	0	0
compliance prescriptions	0	0	0
difficulties	0	0	0
Controlling	0	0	0
Healthy lifestyle	0	0	0
Roles	0	0	0
Attribution codes	0	0	0
DM patient	0	0	0
HTN patient	0	0	0
Current situation prevention and management of HTN and DM	0	0	0
Activities of NCD management	0	0	0
Communication	0	0	0
Community health care activities	0	0	0
Difficulties & solutions	0	0	0
Implementation of HTN and DM management	0	0	0
Inputs/conditions for NCD management	0	0	0
Phase	0	0	0
Reason treatment at CHS	0	0	0
Roles/coordination/community engagement	0	0	0
Impact of COVID-19 pandemic	0	0	0
adaptation to the new normal	0	0	0
availability	0	0	0
difficulties/challenges	0	0	0
health personnel arrangement	0	0	0
health service delivery	0	0	0
impact of COVID-19	0	0	0
implementation of NCD prevention	0	0	0
solutions	0	0	0
Scaling-up	0	0	0
(dis)advantages	0	0	0
addings	0	0	0
collaboration	0	0	0
- Bottom Panel:** A 'Comment' section with a text area and a 'Select an item to show its comment' prompt.

Memo



- Notes that captures researcher's thinking
- Free standing or linked to segment of data
- Transparency and reflexivity

The screenshot displays the ATLAS.ti software interface. At the top, there is a menu bar with options like "Memos", "View", and "Search". Below the menu is a toolbar with various icons for creating and managing memos. The main area is divided into two panes. The left pane, titled "Memo Groups", shows a list of groups: "Instructions (1)", "Memos (3)", "Methods (1)", and "Research questions (4)". The right pane, titled "Search Memos", displays a table of search results. The table has columns for Name, Type, Grounded, Density, Groups, Size, Owner, Author, and Created. The selected memo is "RQ2: positive and negative effects of parenting".

Name	Type	Grounded	Density	Groups	Size	Owner	Author	Created
-Types of memos	instruct...	0	0	[Instructions]	5665	Susanne	Susanne	26-3-201
*Code Memo	Memo	0	0	[Memos]	1980	Susanne	Susanne	26-3-201
*idea memo	Memo	0	0	[Memos]	1543	Susanne	Susanne	26-3-201
*Research diary	method	0	0	[Methods]	1004	Susanne	Susanne	26-3-201
*To do memo	Memo	0	0	[Memos]	937	Susanne	Susanne	26-3-201
RQ1: Difference with regard to def. of happiness	Analysis	0	2	[Research questions]	2080	Susanne	Susanne	19-7-201
RQ2: positive and negative effects of parenting	Memo	0	5	[Research questions]	2429	Susanne	ATLAS.ti team	6-12-201
RQ3: relation between pos and neg effects	Memo	0	0	[Research questions]	1315	Susanne	Susanne	6-12-201
RQ4: Difference in attitude	Memo	0	0	[Research questions]	1399	Susanne	Susanne	6-12-201
RQ5: Sources of Happiness	Memo	0	5	[Research questions]	3228	ATLAS.ti team	ATLAS.ti team	6-12-201

The selected memo content is as follows:

Memo: Edited 6-12-2016 15:11 by ATLAS.ti team

RQ2: Compare the comment written on the Parenting blog (D3: Reader comments) with the comments written as response to the New York Times Magazine article (D4: NYTMM comments). More specifically let's compare their comments on positive and negative effects of parenting.

Coding the data, it became apparent that parents were pointing out the hard parts of being a parent as a possible explanation of the statistical findings, but notable this was almost immediately followed by a but.... This led to the development of the code category PARENTING and the BUT group. The aim of the following analysis is to explain what parenting means to the blog contributors, with both its positive and negative aspects.

Write your query here:

Write your answer here:

Questions



First steps – login uwp



- Go to uwp.rug.nl

P-number

Pass word

Single Sign-On

rijksuniversiteit groningen founded in 1614 - top 100 university

Single Sign-On

Gebruikersnaam

Wachtwoord

Inloggen

- Wachtwoord vergeten?
- Account activeren
- MFA Authenticator opnieuw instellen
- Problemen met inloggen?

Inloggen noodzakelijk
Deze informatie of applicatie is alleen toegankelijk voor medewerkers en/of studenten van de Rijksuniversiteit Groningen (RUG) en overige aan de RUG verbonden personen. Log in met je RUG-account.


⚠ Veilig gebruik
Door in te loggen krijg je toegang tot vertrouwelijke informatie. Gebruik de website en de applicaties daarom op een veilige manier.

- Controleer of je internetbrowser een beveiligde verbinding heeft: de URL van deze inlogpagina moet beginnen met <https://signon.rug.nl>.
- Als je je computer even verlaat, vergrendel die dan. (Windows-toets + L, Mac: CTRL + CMD + Q).
- Als je wilt uitloggen, meld je dan eerst af en sluit daarna je browser af.
- Wees extra voorzichtig bij openbare computers. Gebruik bij voorkeur privévensters (incognitomodus), die bij het afsluiten geen gegevens op de computer achterlaten. Instructies voor het openen van privévensters zijn beschikbaar via de helpfunctie van je browser.

Desktops

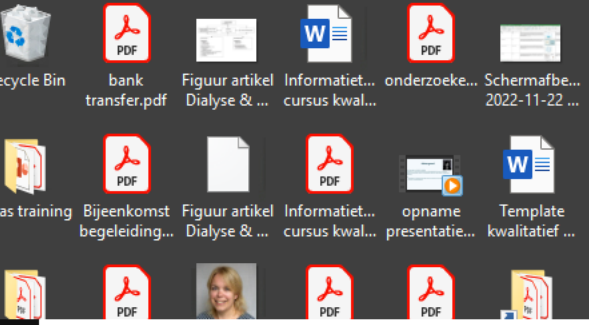
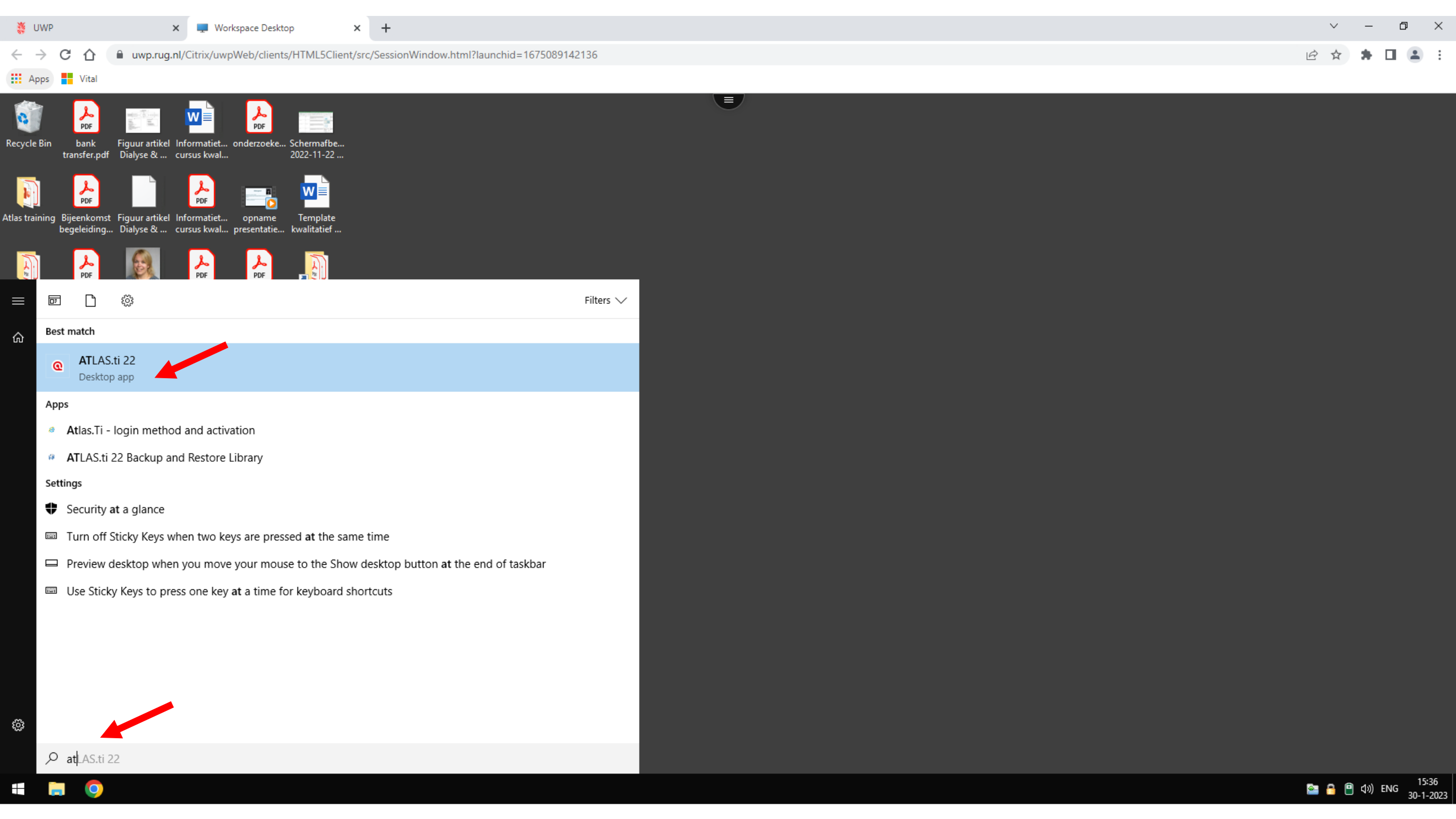
The look and feel of the Workspace Desktop will be different when you log in after 14-01-2023.

All (1) Favorites (0)

☆

Workspace Desktop
∨

Workspace Desktop [X]

Actions: <ul style="list-style-type: none">📄 Open ←☆ Add To Favorites🔄 Restart	Description:
---	---------------------



Filters

Best match

- ATLAS.ti 22 Desktop app

Apps

- Atlas.Ti - login method and activation
- ATLAS.ti 22 Backup and Restore Library

Settings

- Security at a glance
- Turn off Sticky Keys when two keys are pressed at the same time
- Preview desktop when you move your mouse to the Show desktop button at the end of taskbar
- Use Sticky Keys to press one key at a time for keyboard shortcuts

atLAS.ti 22

Open a project



SEA
g synergies



Welcome
Manna Alma

Your Projects



Search

Last used

Show all projects

SUNI SEA - FGD Vietnam
4 Documents, 78 Codes
Last used: 30-1-2023

Patienten panels januari 2023
13 Documents, 782 Quotations, 544 Codes
Last used: 13-1-2023

Long Covid v26
24 Documents, 2113 Quotations, 347 Codes
Last used: 9-1-2023

Wisseling van behandelaar.
11 Documents, 761 Quotations, 75 Codes, 2 Memos
Last used: 14-12-2022

Samen voor Herstel
17 Documents, 277 Quotations, 85 Codes, 1 Memo
Last used: 8-12-2022

twitter
Empty Project
Last used: 18-11-2022

Omgaan met (je eigen) Autisme - Project IK 2
14 Documents, 1630 Quotations, 79 Codes, 2 Memos
Last used: 14-11-2022

Wisseling van behandelaar. (Snapshot 2022-12-14 10:45:05)
9 Documents, 194 Quotations, 70 Codes, 1 Memo
Last used: 14-12-2022

New Project

A9 Sample Project: Children & Happiness
7 Documents, 429 Quotations, 50 Codes, 11 Memos
Last used: 7-11-2022

Import Project

Zelwaarde leefstijl
3 Documents, 86 Quotations, 29 Codes, 1 Memo
Last used: 28-10-2022

Options

Voorjaar 2022 - VM

News

[Show more ...](#)

Tutorials



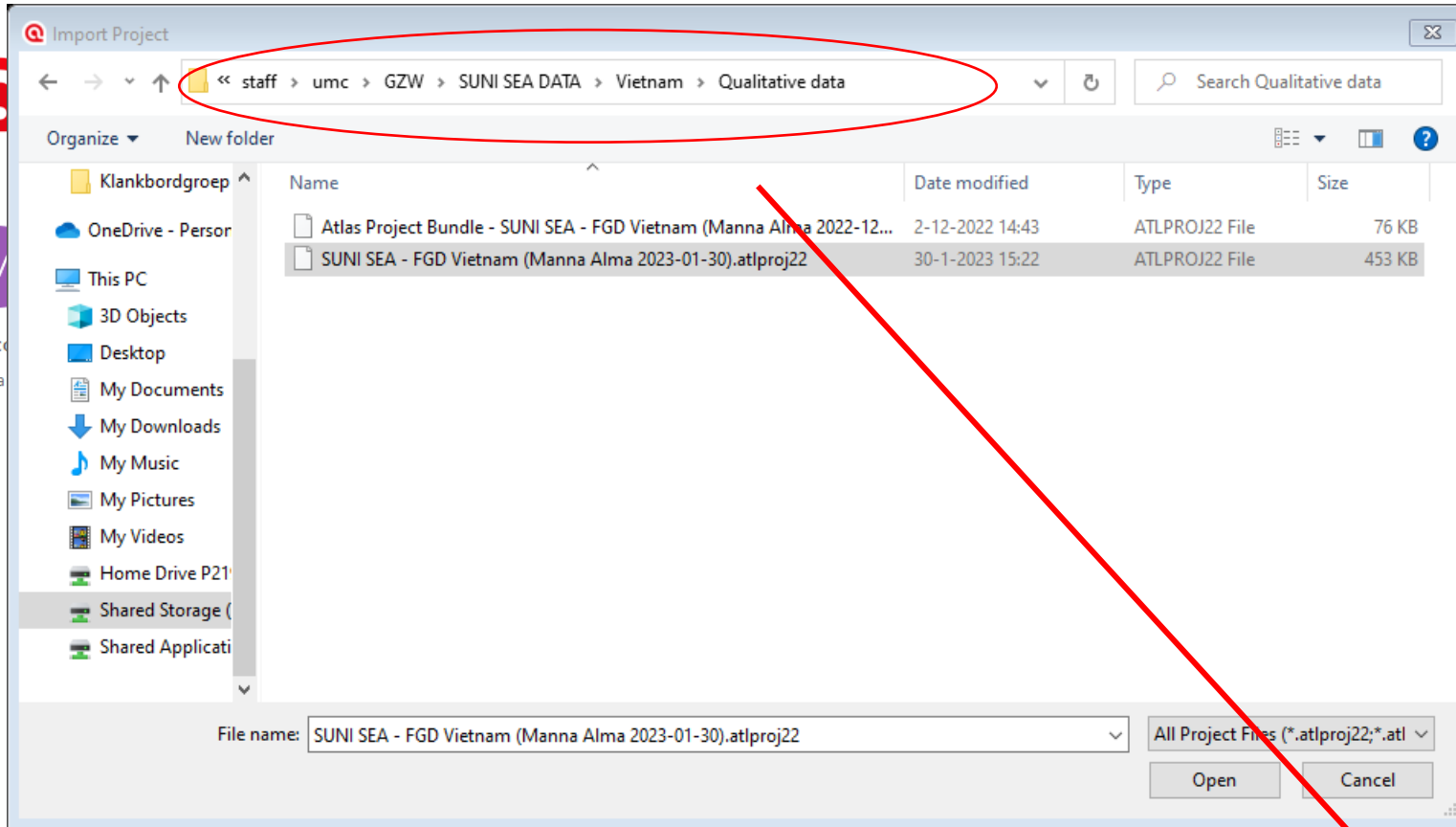
Resources

[ATLAS.ti 22 – QuickTour](#)
Get Started with ATLAS.ti

[ATLAS.ti 22 – User Manual](#)
Learn more about ATLAS.ti

[Sample Projects](#)
Get to know ATLAS.ti with sample projects

[Show more ...](#)



Resources

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[ATLAS.ti 22 – User Manual](#)
Learn more about ATLAS.ti

[Sample Projects](#)
Get to know ATLAS.ti with sample projects



[Show more ...](#)

- 14 Documents, 1630 Quotations, 79 Codes, 2 Memos
Last used: 14-11-2022
- Wisseling van behandelaar. (Snapshot 2022-12-14 10:45:05)
9 Documents, 194 Quotations, 70 Codes, 1 Memo
Last used: 14-11-2022
- A9 Sample Project: Children & Happiness
7 Documents, 429 Quotations, 50 Codes, 11 Memos
Last used: 7-11-2022
- Import Project: Zelwaarde leefstijl
3 Documents, 86 Quotations, 29 Codes, 1 Memo
Last used: 28-10-2022
- Options: Voorjaar 2022 - VM

Tutorials

$Y:\backslash\text{staff}\backslash\text{umc}\backslash\text{GZW}\backslash\text{SUNI SEA DATA}\backslash\text{Vietnam}\backslash\text{Qualitative data}$

Exercise



- Open UWP
- Open AtlasTI
- Import Project Bundle from
 - Y:\staff\umc\GZW\SUNI SEA DATA\Vietnam\Qualitative data

Importing documents



The screenshot displays the ATLAS.ti software interface. The top menu bar includes 'File', 'Home', 'Search & Code', 'Analyze', 'Import & Export', 'Tools', and 'Help'. Below the menu is a toolbar with icons for 'Add Documents', 'New Entities', 'Edit Comment', 'Navigator', 'Documents', 'Codes', 'Project Explorer', 'Quotations', 'Memos', 'Networks', 'Links', and 'Project Explorer'. The main workspace shows the project title 'SUNI SEA - FGD Vietnam' and a sub-title 'Vietnam'. A red arrow points to the 'Explore' sidebar on the left, which lists various project components: Documents (4), Codes (5), Memos (0), Networks (0), Document Groups (1), Code Groups (0), Memo Groups (0), Network Groups (0), and Multimedia Transcripts (1). The 'Project Overview' section on the right provides a summary of the project's content and metadata.

Category	Count
Documents	4
Codes	78
Quotations	0
Memos	0
Networks	0

Project Overview

- Created by Manna Alma on 02-12-2022
- Last modified on 30-01-2023
- Current user Manna Alma
- Version 22.2.4.0

Comment:

Select an item to show its comment

Coding in Atlas

- Select segment

having children, on the other hand, does not look so wonderful.

Over the past few decades, social scientists like me have found consistent evidence that there is an almost zero association between having children and happiness. My analysis in the *Journal of Socio-economics*



Coding in Atlas (2)



- Right click
 - Apply code: select code from list
 - Quick coding: apply last used code

DEB: Er I've met a good friend from university, I've not known her long but I class her now as a friend kind of thing, we're both mums and we both you know we're on the phone all the time and wherever, whenever, like she'll probably come here and meet me now cos I'm here kind of thing [] and we'll have a cup of coffee together and stuff, and I just met her through starting this degree and of stuck together when we first started, even though we before, but it was nice.

INT: So how, how, how did you strike up a friendship together?

DEB: I don't know, I'm the sort, I don't really struggle making don't stop talking [laughs] so I'm quite, I don't know I'm not being quiet and sitting there cos I sort of do chat to p

in common and we just sort never seen her in my life

I've got a big mouth and I friends that way [], just by now people then don't you?

◆	Apply Codes
◇	Code in Vivo
⇒	Quick Coding
Ⓞ	Create Free Quotation
↻	Create Link Source
↻	Create Link Target
📄	Copy

Coding in Atlas (3)



- When coding from an existing code list you can drag codes to the quotations

The screenshot shows the ATLAS.ti software interface. On the left, the 'Explore' pane displays a hierarchical code list. The 'Healthy lifestyle' code is highlighted with a red circle. A red arrow points from this code to a quotation in the document on the right. The document is titled 'D 1: FGD, Commune health station, Manna' and contains a 'FOCUSED GROUP DISCUSSION' section. The document text includes the following:

FOCUSED GROUP DISCUSSION
COMMUNE HEALTH STATIONS

Thời gian: 10h00 ngày 08/01/2021
Địa điểm: Phòng họp tầng 1, TTYT TP Ninh Bình
Thành phần tham dự:
Heads of three commune health stations

Nội dung:

Q	Giới thiệu về chương trình can thiệp trong thời gian tới để các cán bộ y tế nắm về nội dung của buổi thảo luận.
Q	Hiện tại các trạm y tế (TYT) triển khai sàng lọc, dự phòng, điều trị và quản lý tăng huyết áp (THA) tại TYT xã phường, trước hết ở 2 phường thì đang triển khai các hoạt động gì?
BS. Thu	Ở trạm thực hiện hoạt động là theo dõi bệnh nhân THA và đái tháo đường (ĐTĐ), theo dõi sổ sách A12 và phần mềm, ĐTĐ thì không có thuốc, còn THA thì có 2 loại là Amlodipin và Anapril
Q	Các trạm mình có thực hiện sàng lọc cho bệnh THA và ĐTĐ ko?
Thom	Mình ko có sàng lọc gì cả, chỉ tình cờ phát hiện tại TYT xã thôi. Chưa có hoạt động sàng lọc cộng đồng nào được triển khai cả
Q	Hiện tại P Ninh Khánh quản lý bao nhiêu BN THA?
BS. Thu	Hơn 300, đến trạm chỉ có mấy chục người lấy thuốc thôi, chủ lên lên TTYT và BV tỉnh.
Q	Mình có biết họ đang điều trị ở đâu?
BS. Thu	Có biết ở đâu, trạm có ghi danh sách
BS. Thom	Trước có giai đoạn Covid thì một bệnh nhân chỉ phát 10-20 ngày, còn từ khi Covid tới giờ thì cấp phát thuốc cho bệnh nhân 30 ngày, còn giờ thì mình cũng phát 30 ngày.
BS. Thu	Bảo hiểm không cho cấp 2 đợt/tháng nữa đâu
Q	Làm sao mình có danh sách bệnh nhân ĐTĐ tại xã?
BS. Thom	Mình hay hỏi khi bệnh nhân đến khám thì mình hỏi, qua đợt khám NCT thì mình hỏi thôi, chứ còn khám, máy mao mạch thì không có đâu
ĐC	Thì chính tại hỏi qua khám bệnh thôi, cần có cái hồ sơ để quản lý dưới nhà

Exercise



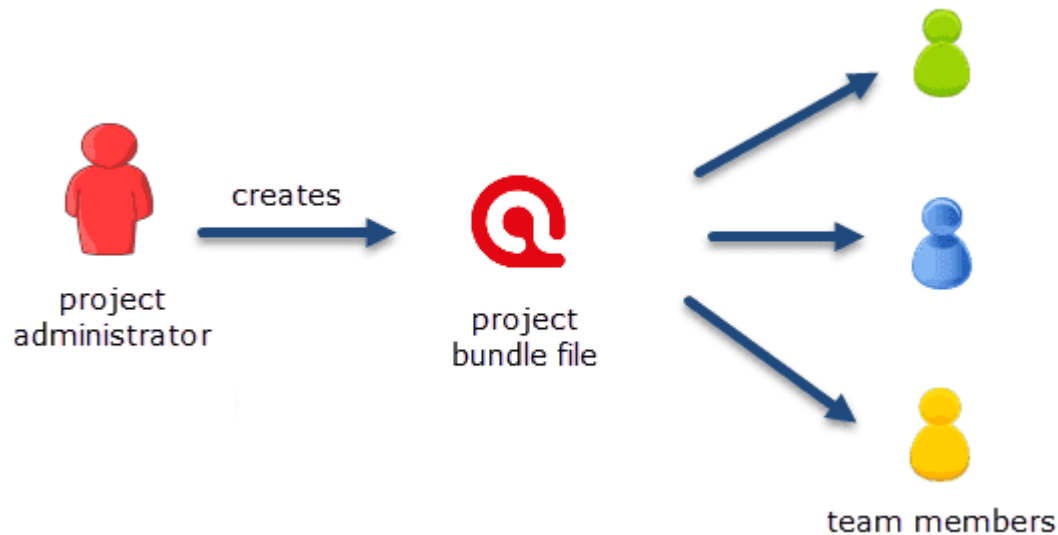
- Encode some text fragments in the documents
- Try out different ways of coding
 - Right click: apply codes or quick coding
 - Drag and drop from list

Working in a team



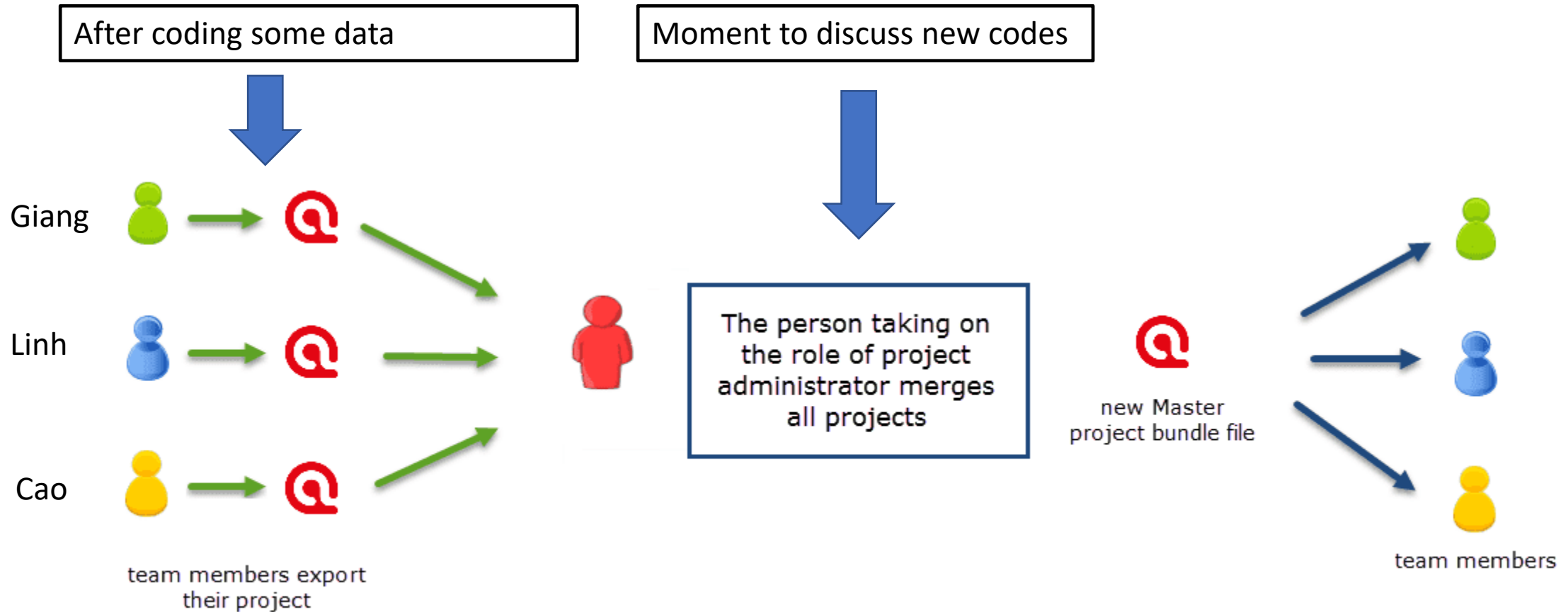
- Working with more than one researcher:
 - Master file
 - Merging projects
 - Problems may arise when researcher make new codes or delete codes

Working in a team – simultaneously



- Code data with pre-existing list
- In case new codes should be added:
 - Use pre-fix researcher's name
 - Eg R1_emotions

Working in a team – simultaneously



Working in a team – at different times



- When finished for the day
 - Export project bundle:
 - Copy of the analysis project; bundle or 'zip' together the analysis project file and the source data files
 - Automatically:
 - Date
 - Name (p-number)



Info

New

Open

Save

Snapshot

Export

Merge

Close

Options

Exit

Export



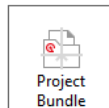
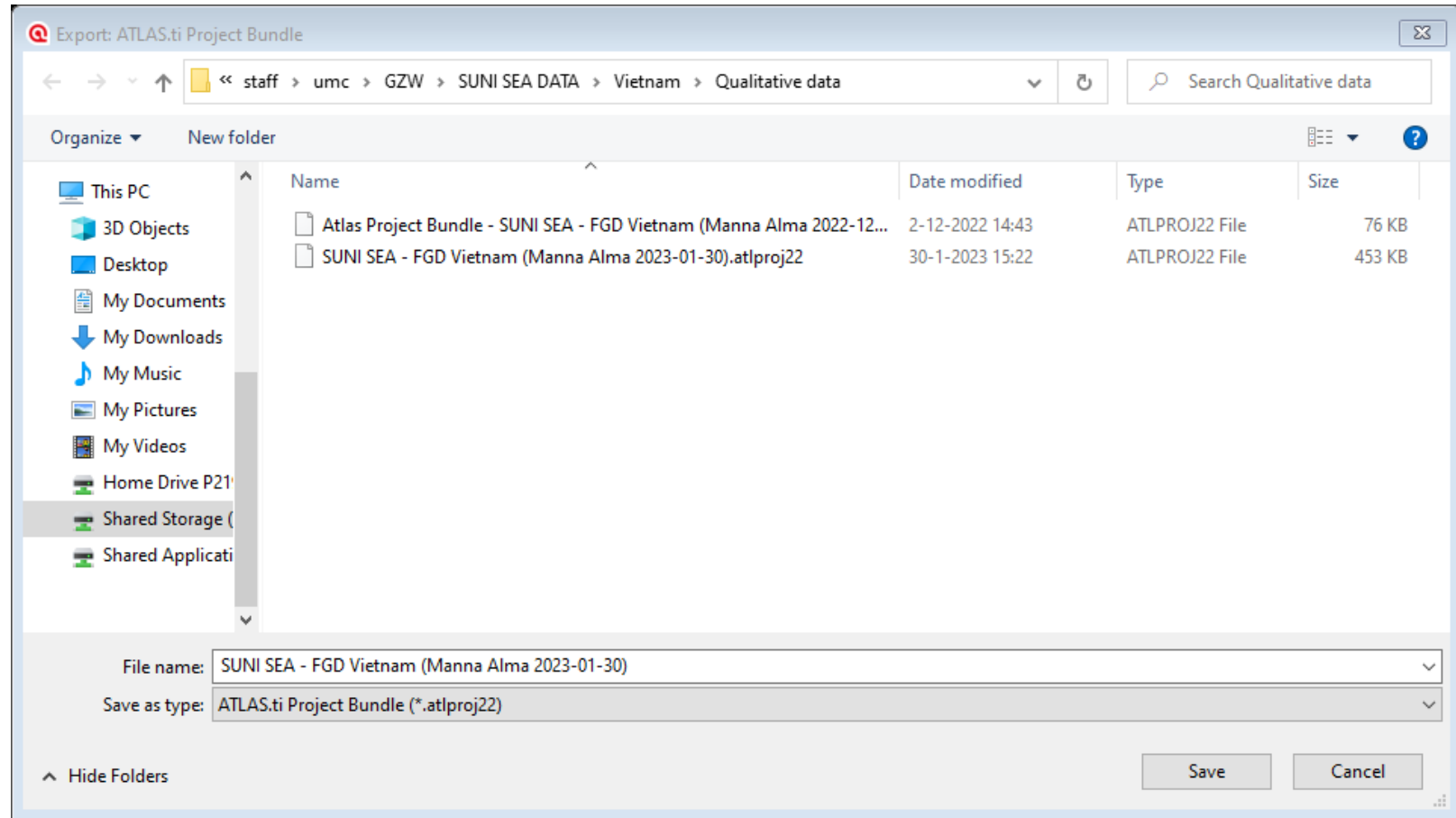
Project Bundle



QDPX Project Bundle

Export Project Bundle

The Project Bundle compiles all of your project data and media. The bundle will reflect the current state of your loaded project.



Working in a team – at different times



- Starting (next researcher)
 - Importing project bundle:
 - Copy of the analysis project; bundle or 'zip' together the analysis project file and the source data files
- End of day:
 - Export project bundle

Questions



More information

- Manuals:
 - <https://atlasti.com/manuals-and-documents>
- Video tutorials:
 - <https://atlasti.com/video-tutorials/atlas-ti-windows-video-tutorials>
- FAQs
 - <https://atlastihelp.helpscoutdocs.com/>

Contact



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