

TAMS Analyzer

A graphical overview

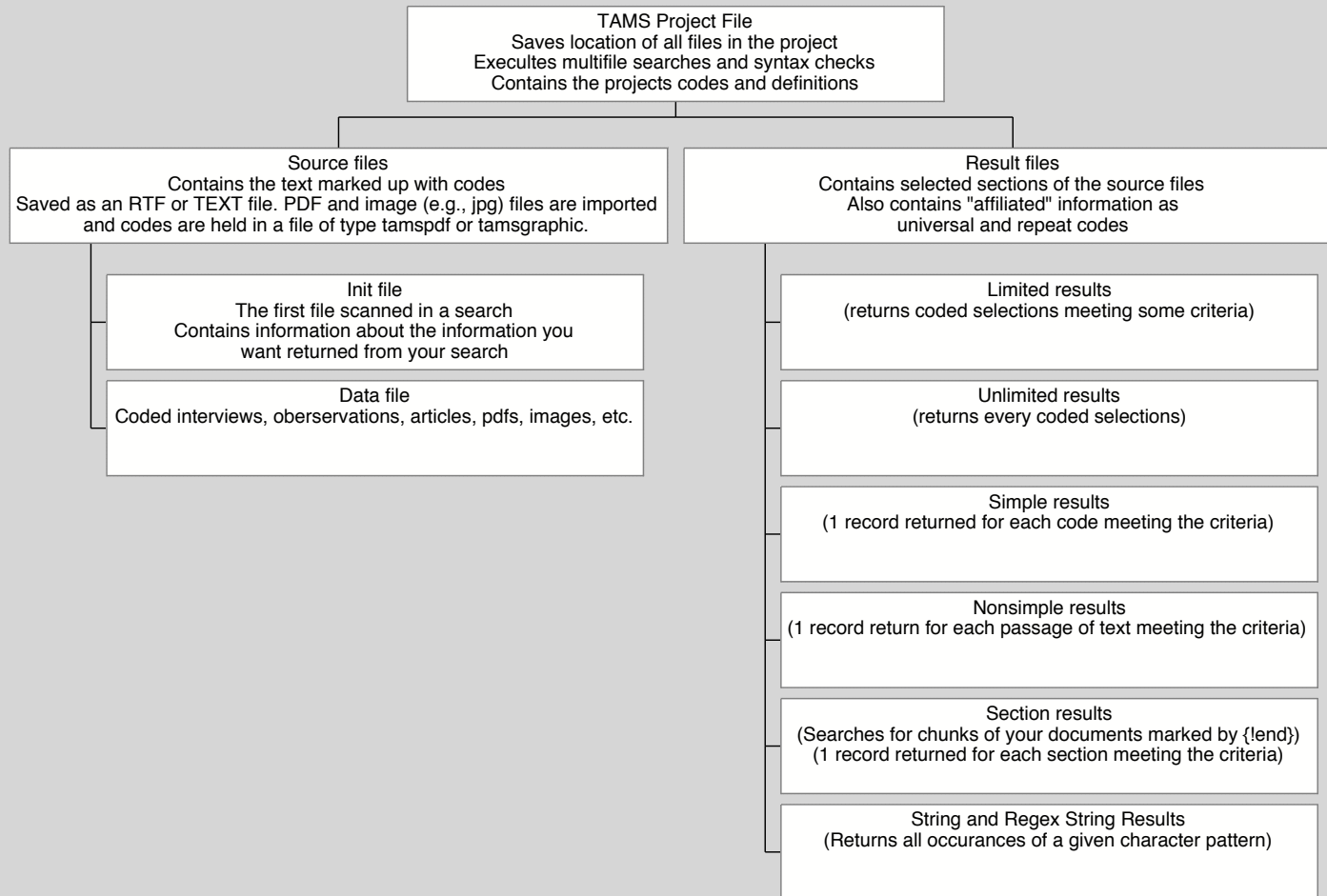
TAMS Analyzer

- TAMS = Text Analysis Markup System
- TAMS Analyzer is an interactive coding and analysis program using the TAMS system.
- The following pages offer pictorial introduction to the TAMS Analyzer qualitative analysis program.

File types

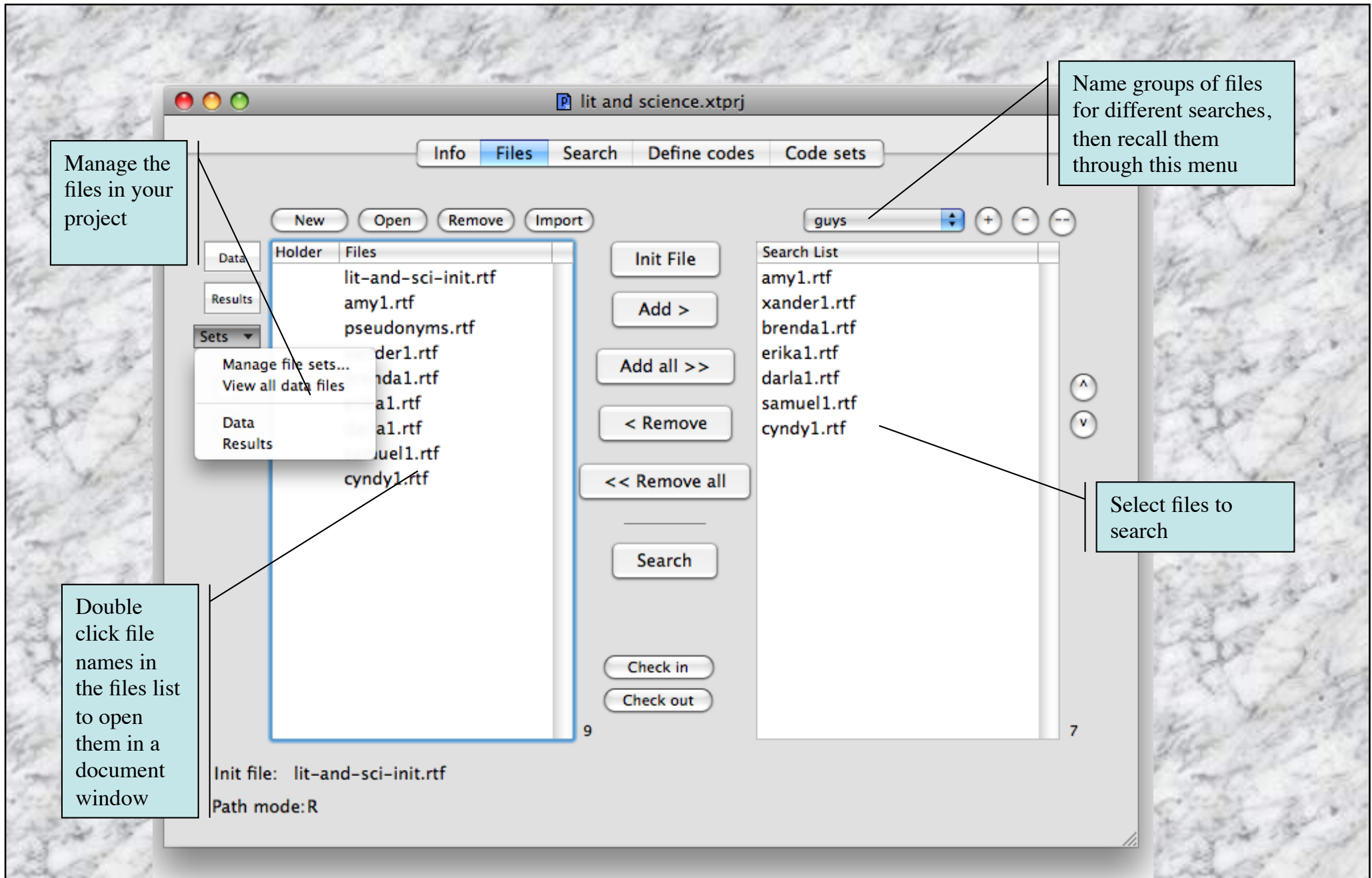
- There are three types of files (each with their own windows) that a user must become familiar with:
 - The project files displayed in a project or workbench window which organizes the other files in your project and allows you search for data across files.
 - The source or document file (and window) which contains your interviews, observation notes, and allows you to code your documents.
 - Result files (and windows)which allow you to browse through coded passages meeting criteria you set. This window is used to analyze and recode your documents.

TAMS Analyzer Document Model



The image shows a software interface for a search tab. At the top, there are tabs for 'Info', 'Files', 'Search' (which is selected), 'Define codes', and 'Code sets'. Below the tabs, there is a 'Named search:' dropdown menu with 'unreal' selected, followed by '+' and '-' buttons. A 'Search:' text input field is highlighted with a callout box that says 'Enter search criteria here to produce a result window'. To the right of the search field is a 'Search' button. Below the search field is a 'Coder IDs:' text input field. To its right are 'Clear', '"And"', and '"Or"' buttons, and an 'Add current code set' button. There are three checkboxes: 'Raw' (checked), 'Empty', and 'Exact'. Below these is a 'Simple' dropdown menu. A callout box points to this area saying 'Control the type of search and results returned'. The main part of the interface is a list of codes. The list is titled 'Codes' and contains items like 'capacity', 'capacity>negative', 'connection', 'context', 'date', 'example', 'example>negative', 'example>unit', 'narrative', 'nonFiction', 'pedagogy>complaint', 'priorities', 'priorities>literature', and 'reason'. A callout box points to this list saying 'Enter codes by double clicking'. To the right of the list is a 'Hot code set:' text input field. Below it are buttons for '<- Sel', 'Sel +', 'Sel -', 'Remove', 'Sel all', and '-> Code set'. There is also a 'Codes not in a set' button and a 'Search code definitions' checkbox. Below these are 'Sets' dropdown menus, one showing 'Union' and another showing '4s reasons', followed by a 'Show' button. At the bottom of this section are 'Definition' and 'Code Browser' buttons. A callout box points to these buttons saying 'Instant access to code definitions and a browser to define codes'. At the very bottom of the interface, there is a page indicator '53/53'.

Project Window: Search Tab



Project Window: Files Tab

Search document for codes in any region by selecting and clicking here.

Code both text and graphics

New codes can be added on the fly

Code by selecting text and double clicking from your code list.

PDF text can be searched

Coded passages/regions can be selected or searched

The screenshot shows the 'PDF Data Window' interface. At the top, there's a title bar 'My pdf file.tamspdf' and a menu bar with 'Customize', 'Save', 'Workbench', 'Code to button', and 'Code def.'. Below the menu bar are tabs for 'Data' and 'Context'. The main area displays a PDF page with four images of plants. On the left, there's a 'Codes' list with entries: a, aa, aaa, aaa>bb, b, ear, eye, limp, red, smart, smart2, smith, yellow. At the bottom, there's a table with columns: #, Code, Coder, Location, Comment, Data. The table contains five rows of data. On the right, there's a search bar and a 'Page' list.

#	Code	Coder	Location	Comment	Data
1	limp		r='3' p='...		
2	aa		r='4' p='...		
3	smith		r='5' p='...		
4	smart2		r='6' p='...	a flower	
5	yellow		r='7' p='...		

PDF Data Window

Audio and video can be attached to files. These files can be backspaced and slowed as with a transcription machine.

New codes can be added on the fly

Code by selecting text and double clicking from your code list.

The screenshot shows the 'Data Window' application interface. At the top is a toolbar with icons for 'Customize', 'Save', 'Workbench', 'Code to button', 'Code def.', 'Find mate', '{!end}', 'a', 'b', and 'Del. pair'. Below the toolbar is a video player with a black screen and playback controls. To the left is a 'Codes' list with an 'Apply code' button above it. The list contains: aaa>bb, a, aa, aaa, aaa>bb, b, ear, eye, limp, red, smart, smart2, smith, and yellow. The main text editor displays the following code: `{!name "toolbar.rtf"}`, `{!button cmd::findMate, cmd::decolorTags, cmd::colorTags,l,"{!end}" ,a,b, l,cmd::delTagPair}`, and the text `This is my {yellow} data{/yellow} and you {aaa}can see {aaa>bb}that{/aaa>bb} it's coded{/aaa}.`

Frequently used codes and passages of text can be turned into 1-click button.

Codes can be hierarchical

Data Window

You can leap straight to the original text to further explore context through this button

This top line indicates the searches you have conducted within the results.

Coded passages are shown in the main browser window.

A row in this table can represent either a coded passage, a portion of text meeting a set of code criteria, a portion of text containing a particular string, or a demarcated section of the document.

Researcher can further search within the returned results of a search. Here through additional selections, we are examining 5 records out of a total 35 returned from the search.

Columns are provided for document wide information (universal codes), section specific information (repeat codes), attached information (comments), as well as the passage of interest.

Raw access to PDFs, Images, and audio/visual files is provided by a media player

The screenshot shows a software window titled "tempResult D64A5F46-9010-4B76-83E2-420C0EE67322.xtrs". The interface includes a menu bar with options like "Customize", "Save", "Workbench", "Find record", "Refresh", "Sort", "Select...", "Select all", "Compare data", "Play media", and "Export data...". Below the menu is a toolbar with icons for navigation and search. The main area displays a table with 5 rows of search results. A table below the main area shows a detailed view of the selected row. To the right, a "MediaViewer" window displays an image of a black dog with a blue square highlighting its ear.

#	FileName	_code	_data	_comment	_coder	_doc	_begin_loc	_end_loc
1	test1.tamsgr...	eye	{eye}Data Str...			test1.tamsgr...	4817	6094
2	test1.tamsgr...	eye	{eye}Data Str...			test1.tamsgr...	4850	6250
3	test2color.ta...	eye	{eye}Data Str...	cyborg...		test2color.ta...	3358480	366795
4	test1.tamsgr...	ear	{ear}Data Stri...			test1.tamsgr...	5474	8211
5	test2color.ta...	ear	{ear}Data Stri...			test2color.ta...	5241190	566549

Result Window

For more information see:

- The *TAMS Analyzer Tutorial* aka *Qualitative Research for Beginners*
- The *TAMS Analyzer User's Guide*
- Release notes for each recent release of TAMS Analyzer
- Older documentation that describes the TAMS system