



WHAT'S NEW IN QDA MINER Versions 1.0 to 3.1?

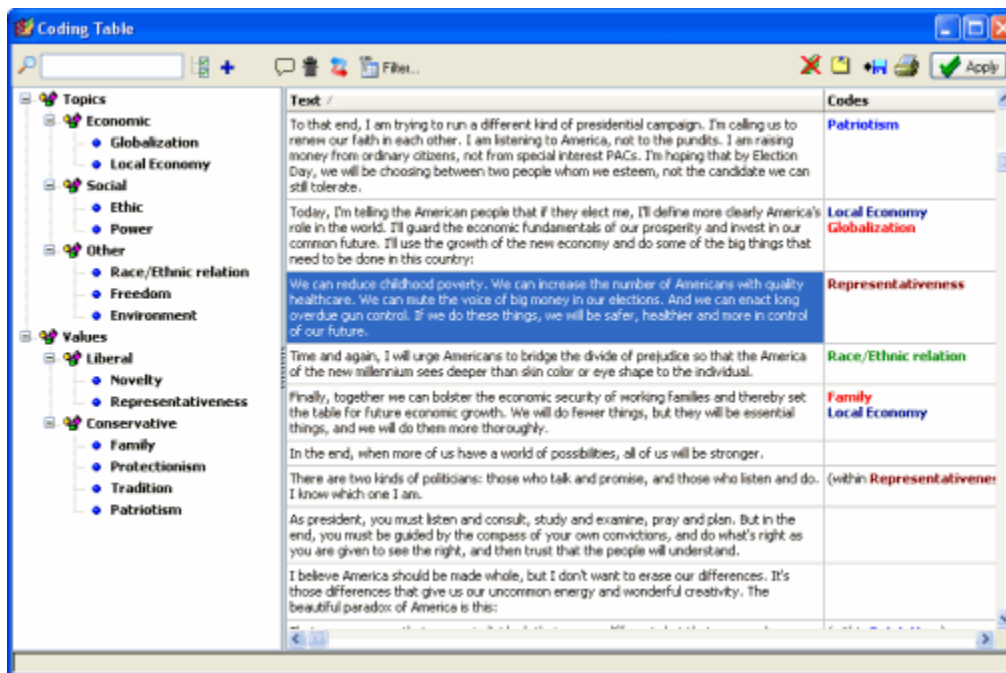
What's New in Version 3.1?

1. EXPORTATION OF CODED SEGMENTS

A new **Export Codings** command allows one to create a restructured version of an existing project based on the coding made. Specific codes may be used to define new cases, to split single documents into several or to group topics from different documents into a single one. This feature could be used to transform a focus-group transcript into a project where participants become the unit of analysis or transform an unstructured interview into a structured data file.

2. DRAG-AND-DROP CODING OF RETRIEVAL RESULTS

A new drag-and-drop coding table has been added, providing an efficient way of coding lists of paragraphs, sentences or segments produced using existing text and coding retrieval tools. This new editor is especially useful to quickly code long lists of short text segments, such as responses to open-ended questions, customer feedback, etc.



3. CUSTOMIZABLE MENU LEVELS

The program now offers three levels of menu systems. **FULL MODE** displays all options and features of QDA Miner. **BASIC MODE** displays only the most basic coding and retrieval functions and hides more advanced features. **CUSTOM MODE** allows one to choose what will be displayed. The menu level may be associated with specific coders (for example, one could assign the **BASIC MODE** menu to a coder, the **FULL** menu to the project administrator and a **CUSTOM** one to other people).

4. APPEND VARIABLES FROM A FILE

A new APPEND FROM A FILE command in the VARIABLES menu allows one to append variables that are stored in another file to the cases of the current project.

5. NEW NAVIGATION BUTTONS

On the coding toolbar, four new buttons allow one to more easily browse through cases.

6. CONSOLIDATION ACROSS CODERS

The CONSOLIDATE command may now be used to merge codings made by different coders. This feature is especially useful to quickly clean up the project after inter-coder's reliability has been established.

7. NEW SEARCH-CODE TOOLBAR

A new incremental search toolbar has been added to the codebook window. It may be toggled on and off by selecting the VIEW SEARCH BAR command, from the codebook pop-up menu

8. CUSTOMIZABLE EMAIL CONTACT

Project administrators may now customize an item under the HELP menu so that users will be able to easily send messages to a specific email address.

9. SUPPORT OF MS OFFICE 2007 FILES

QDA Miner can now import .DOCX and .XLSX files created using MS Word 2007 or MS Excel 2007.

History of Changes to QDA Miner 1.0 to 3.0

v3.0.3 - January 23, 2007

- **New!** Importation of Ethnograph projects (documents, codebook and coding)
- **New!** Option to display lines in 2D and 3D MDS plots to represent the strength of associations between items.
- **Fixed!** Dates and some alphanumeric fields from Excel or text fileHelp file were not imported properly (imported as numeric data).

v3.0.2 - December, 5, 2007

- **Fixed!** Help file was not connected properly.
- **Fixed!** In the report manager, moving from a folder to an item caused this item to be deleted.

v3.0.1 - October 22, 2007

- **New!** Import Atlas-ti 5.x hermeneutic units.
- **New!** Export co-occurrence matrix to UCINET, Pajek, NetDraw and NetMiner social network analysis software.
- **Improved!** The report manager now restore the last edited item and windows sizes.
- **Improved!** Faster and more accurate merging of projects with densely coded documents.

v3.0 - October 6, 2007

v2.0.8 - June 6, 2007

- **Fixed!** With some screen resolutions and large font display settings, code marks were not displayed at the proper location.

v2.0.5 to v2.0.7 - May 14, 2007

- **Fixed!** The Append Documents always imported document in the currently displayed document.
- **Fixed!** The importation of codebooks and merging of documents created duplicate entries in multi-level codebook.
- **Fixed!** An error message occurred when exporting code statistics.

v2.0.4 - November 28, 2006

- **New!** Support for the new Excel 2007 file format.
- **New!** The selected code mark is now highlighted (in bold) for easier code identification.
- **Improved!** Various speed improvements.
- **Fixed!** A few minor bug fixes.

v2.0 - June 14, 2006

v1.3.1 - November 29, 2005

- **New!** Importation and exportation of projects in Triple-S (survey interchange standard) format (XML version 1.2).

v1.3 - November 10, 2005

- **New!** Exportation of coding statistics to disk in Excel, HTML, or tab delimited files (users no longer need to compute code statistics variables in order to perform such a task).
- **New!** Document exportation routine allows one to export all documents stored in a project file to disk in Rich Text, HTML or text format.
- **New!** Matrices of co-occurrences or computed similarities between codes or cases may be exported to disk in Excel, HTML and delimited ASCII files.
- **New!** A list of all comments assigned to coded segments may now be obtained.
- **Improved!** Right clicking on any cell in a result table may now be used to copy the content of a single cell to the clipboard.
- **Improved!** A <New Value> item has been added to the combo boxes for editing values of nominal variable, allowing one to quickly add a new value without the need to access the Variable Properties dialog box.
- **Fixed!** When using hit lists to browse through retrieved coded segments or paragraphs, sometimes only the top of the highlighted segment was visible. The document is now scrolled down to show, whenever possible, the full highlighted segment.

v1.2.7 - October 18, 2005

- **New!** The list box displaying all document variables in a project has been replaced by tabs, allowing faster switching of documents.
- **New!** When importing an external file (Excel, MS Access or ASCII files), original variable names are stored in the variable description (useful when names of imported variables are truncated or renamed).

v1.2.6 - October 1, 2005

- **New!** Variables may now be added to text retrieval reports.
- **Improved!** New projects created with the Document Conversion Wizard are now automatically opened.
- **Improved!** In the Grouping / Descriptor dialog, the OK and Cancel buttons have been changed to Apply and Close buttons.
- **Fixed!** The list of document variables in some dialogs was not always updated when new documents were added or current ones renamed.
- **Fixed!** The Document Conversion Wizard was unable to import some PDF files.
- **Fixed!** The Create Data File button in the Document Conversion Wizard has been renamed to Create Project File.

v1.2.5 - September 20, 2005

- **New!** Sort codebook command.
- **Fixed!** Some typographical errors in the help file and manual have been corrected. New features have been documented.
- **Fixed!** Performing a code sequence retrieval with return hit was causing the display of a Floating Point Overflow error message.
- **Fixed!** Sometimes, assigning more than one code on the same document using drag & drop didn't work properly.

v1.2 - July 5, 2005

- **New!** Consolidate command to merge overlapping or adjacent coded segments. **New!** Thesaurus search allows one to create categories of words and phrases with similar meanings and then perform text searches using those categories.
- **New!** Keyword Retrieval dialog allows one to perform searches based on advanced WordStat 5.0 categorization models.
- **New!** Document Conversion Wizard now imports PDF files (import text only).
- **Fixed!** Coding Retrieval sometimes did not work properly with long code names with commas.

v1.1 - October 5, 2004

- **New!** MERGE command allows one to combine two or more project files into a single one. This command supports importation of codings made to identical documents, variables and cases.
- **New!** Ability to clear all code assignments made to a project.
- **New!** The colors used to display code marks may be changed to emphasize the different coders.
- **New!** Ability to browse through all the documents in a project and search for any coding without an associated code in the codebook.
- **New!** Code marks associated with specific codes may now be hidden.
- **Fixed!** Specific command sequences could result in data lost.

v1.0.17

- **Fixed!** Restoring of backups did not work when overwriting existing project files.
- **Fixed!** Code marks were not displayed entirely on screens set to very high screen resolutions.
- **Fixed!** Trying to add a code that already existed caused all entered information in the dialog to be cleared.

v1.0.16

- **Fixed!** Filtering using an empty filter expression caused an error message to appear.
- **Fixed!** QDA Miner was unable to run WordStat when records were not sorted or grouped.

v1.0.15

- **New!** Text Retrieval may now be performed on sentences.
- **New!** The document conversion wizard can now append records to an existing project.

v1.0.14

- **Improved!** The note window is now a fully functional text editor with font and paragraph formatting, graphics, tables, borders, etc.
- **Fixed!** The note window only kept a few paragraphs of text.

v1.0.13

- **Fixed!** Code marks were not always displayed properly.

v1.0.12

- **New!** A new database importation wizard that helps import data from numerous popular RDBMS database (Oracle, MS SQL Server, etc.) through ODBC or OLE DB connection.

v1.0.11

- **Fixed!** An important memory leak cause the program to be unstable, especially after autocoding or code editing.
- **Fixed!** While it was not possible to create two codes with identical names, it was still possible to rename an existing code and give it the name of another one. This is no longer possible.
- **Improved!** Speed of most autocoding procedures has been increased.

v1.0.10

- **Improved!** Speed of scrolling through documents with numerous codes has been improved.
- **Improved!** A vertical scroll bar have been added to the comment window (visible when the text no longer fit in the window).
- **Improved!** Changes to the dimension of the comment window are now kept in memory for the session.
- **Fixed!** When adding a code without specifying a category, the code editor displayed an error message "Category name requires", then moved the cursor back to the code edit box rather than to the category box, erasing the newly entered code name.
- **Fixed!** In some circumstances, some of the codes in the codebook disappeared (the coding of documents remain unaffected). The codebook saving procedure has been rewritten and tested.

v1.0.8

- **Improved!** Support for non-ANSI character sets (Cyrillic, Greek, Turkish, Arabic, Hebrew, etc.).

v1.0.7

- **New!** Retrieved text segments and sections may now be printed or saved on disk.
- **New!** A frequency matrix has been added to the CODING SEQUENCES dialog box.
- **New!** In the CODING SEQUENCES frequency list, a percentage based on the number of events was added.
- **Improved!** Several adjustments have been made printing format of the tables.

v1.0.5

- **New!** A new search button allows on to obtain a list of all coded segments associated with selected cells of the heatmap.
- **New!** A new option has been added to compare text assigned to different codes using WordStat text-mining addon module. Please note that this new feature requires upgrading to the latest version of WordStat.
- **Fixed!** The search function was entering an infinite loop when reaching the end of the file.
- **Fixed!** In the Code Retrieval feature, when searching codes overlapping other ones, a code was not retrieved if it was totally enclosed in the second one.

v1.0.4

- **New!** Plain text variables may be changed to Rich Text document variables (codable) from the Variable Properties dialog.
- **Fixed!** Coding features are now disabled when editing plain text variables.

v1.0.3

- **Fixed!** Assigning codes from the text retrieval procedure did not work properly.
- **Improved!** Resizing of several dialogs is now limited to a minimum size to prevent the accidental hiding of some visual controls.

v1.0.2

- **New!** Section retrieval tool to retrieve delimited sections in structured documents. This feature is useful to automatically assign codes to recurring sections in multiple documents or within a single structured document.

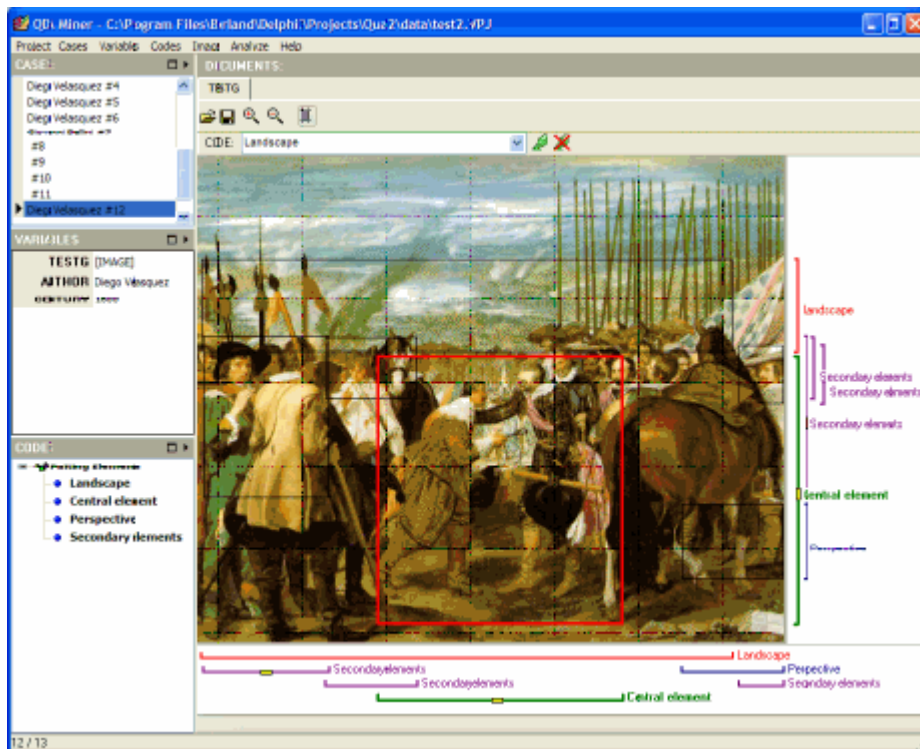


- **Fixed!** The code tree selection tool is sometimes hidden by another dialog.
- **Fixed!** An error message occurred when clustering cases when no coding has been made.

What's New in Version 3.0 ?

1. CODING OF GRAPHICS

QDA Miner 3.0 supports the coding of graphics (see below) - To access this feature you need to create an Image variable. Once one is created, a tab will appear on the top of the text editor to let you view it. Moving to the graphic tab will show you the graphic coding window allowing you to attach codes to rectangular regions of the graphic. The graphic formats that are currently supported by QDA Miner are: BMP, WMF, JPG, GIF and PNG.



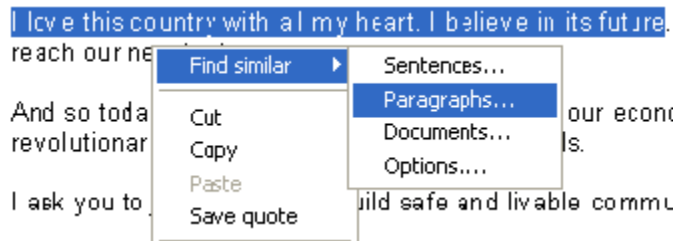
The following commands have been modified to support graphic coding:

- Coding Frequencies
- Coding Retrieval
- Coding Co-occurrence
- Coding by Variables
- Coding Agreements

2. QUERY BY EXAMPLE

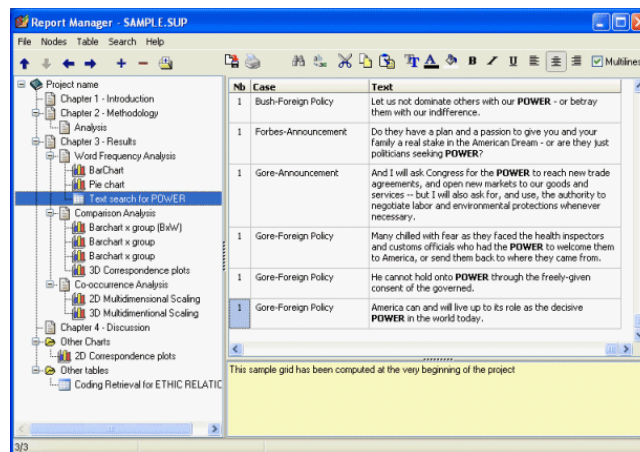
A new QUERY BY EXAMPLE command has been added to the Analysis menu. You can now type a full sentence or a list of words and QDA Miner will retrieve text segments similar to this example. It can also be used to find items similar to text associated with a specific code. A "fuzzy string matching" option is also available for partial matching of words (especially useful when analyzing misspelled text but also useful for finding words with similar roots). This new text-retrieval feature causes a lot of text segments to be retrieved. They are presented in descending order of similarity and the user can select those that are relevant as well as some that might not be relevant in order to refine the search. Segments tagged as relevant are automatically moved to the Table of Hits list, allowing users to attach codes to them.


This feature can also be accessed by highlighting a section of a document and by selecting the new FIND SIMILAR command (see below) allowing one to find similar sentences, paragraphs, or documents.




3. REPORT MANAGER

A new Report Manager has been added. It can be accessed through the REPORT MANAGER command from the PROJET menu. It allows one to store in a single location, those documents, tables, graphics, and text outputs produced by QDA Miner, as well as important quotes. This utility program is structured like an outliner and is similar to the SPSS Output Viewer, allowing one to easily view items, edit them, reorganize them and write draft versions of reports.



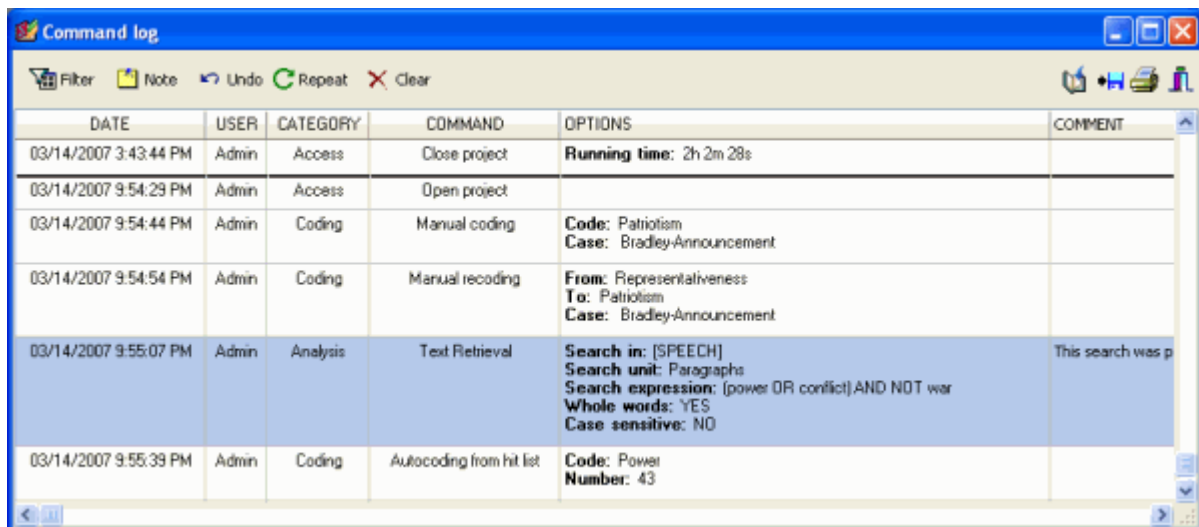
Buttons like this  have been added to many dialog boxes to automatically store tables, charts and text into the Report Manager. Holding the Shift key while clicking on this button will display dialog box that will allow you to customize the title and enter a description of the item saved.

One may append quotes to this outline by either choosing a code mark, right-clicking and selecting ADD QUOTE command or by selecting a text segment in the text editor and selecting the ADD QUOTE either from the DOCUMENT menu or the pop-up menu.

One may also add a quote from any table of hits by clicking on the new  button. You will find this new button in the following dialog boxes: Text Retrieval, Query by Example, Section Retrieval, Keyword Retrieval, Coding Retrieval, Coding Sequences.

4. COMMAND LOG

A new Command Log option allows one to keep traces of almost every project access and operation performed (codebook editing, case and variable transformation, analysis). Comments may also be added to specific log entries. Such a log may be used as an audit trail, to repeat previously performed queries or to reverse some operations (code moving, splitting of codes, autocoding).



DATE	USER	CATEGORY	COMMAND	OPTIONS	COMMENT
03/14/2007 3:43:44 PM	Admin	Access	Close project	Running time: 2h 2m 28s	
03/14/2007 9:54:29 PM	Admin	Access	Open project		
03/14/2007 9:54:44 PM	Admin	Coding	Manual coding	Code: Patriotism Case: Bradley-Announcement	
03/14/2007 9:54:54 PM	Admin	Coding	Manual recoding	From: Representativeness To: Patriotism Case: Bradley-Announcement	
03/14/2007 9:55:07 PM	Admin	Analysis	Text Retrieval	Search in: [SPEECH] Search unit: Paragraphs Search expression: (power OR conflict) AND NOT war Whole words: YES Case sensitive: NO	This search was p
03/14/2007 9:55:39 PM	Admin	Coding	Autocoding from hit list	Code: Power Number: 43	

Note: For cancelling other operations, see the Revert Changes feature.

5. IMPORTATION OF DATA FILES FROM OTHER CAQDAS AND TRANSCRIPTION TOOLS

QDA Miner allows importation of the following computer assisted file format:

- QSR N6 project files (.stp)
- Atlas-ti 5.x hermeneutic files (.hpr5)
- HyperResearch 2.xproject files (.hs2)
- Ethnograph 5.x project files
- Transana XML data files
- Transcriber audio transcription (.trs)

6. CODE KEYWORDS AND KEYPHRASES

The code definition dialog box allows one to associate characteristic words and phrases to specific codes. QDA Miner may then use those items to perform searches using the **KEYWORD RETRIEVAL** tool. For example, you may associate the following items to a code named "Globalization":

Free trade
Global Market
International trade
Trade barrier
GATT
WTO
NAFTA

Searching for the **GLOBALIZATION** code using **KEYWORD RETRIEVAL** will retrieve all text segments containing any one of those words and phrases. In a sense, the codebook may now be considered similar to a content analysis dictionary, like those used by WordStat.

See also **IMPORTATION OF WORDSTAT DICTIONARIES** below.

Note: This also means that it is no longer necessary to own WordStat in order to perform customized **KEYWORD SEARCHES**. However, WordStat is still required if one wants to do text preprocessing, perform lemmatization, exclude words, use disambiguation rules or if one wants to use a dictionary that has a different structure or measures different dimensions than the current QDA Miner codebook.

7. AUTOMATIC DOCUMENT CLASSIFICATION

One can now apply Automatic Document Classification models developed in WordStat to documents or text segments (sentences, paragraphs, coded segments). Results of classification may then be used to assign codes to text segments or values to variables.

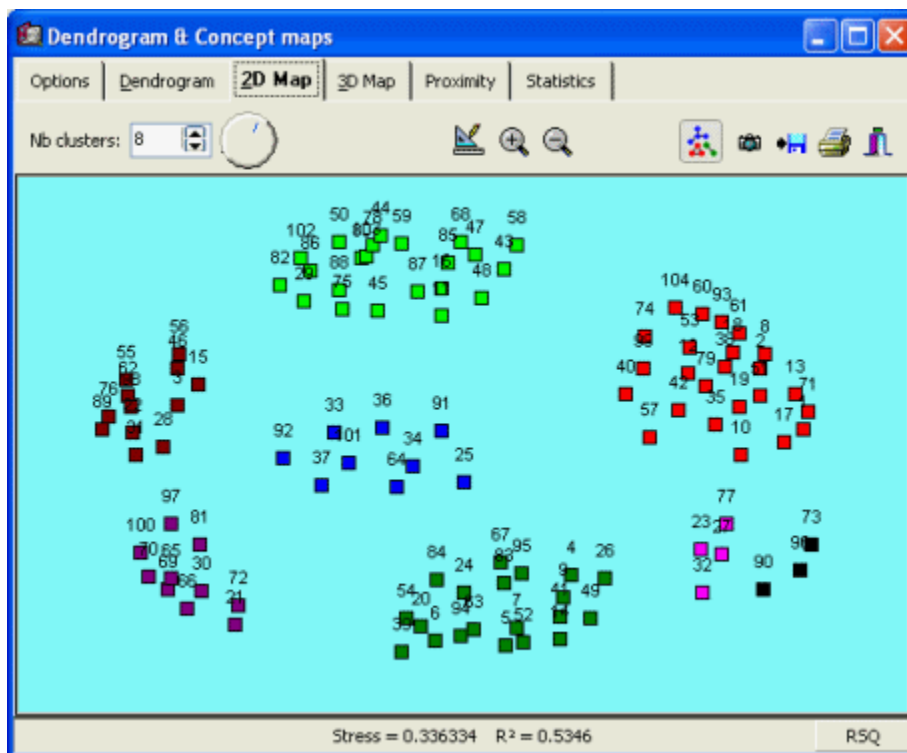
8. HIGHLIGHTING OR HIDING CODED TEXT

Coded text segments in a document can now be highlighted or hidden. You can access this new function using the CODED TEXT command in the DOCUMENT menu and then select the following options:

- NORMAL (default, black text on white background)
- HIGHLIGHT(yellow background)
- HIDE TEXT (white text on white background)
- MASK TEXT (black text on black background)
- DIM TEXT (gray text on white background)
- CODE COLORS (use to specify the code - do not adjust for overlap)

9. CONSTRAINED MULTIDIMENSIONAL SCALING OF CLUSTERED ITEMS

A new clustering algorithm now allows one to preserve the clustering structure in multidimensional scaling plots, making the interpretation of 2D and 3D MDS maps a lot easier and more consistent with the clustering solutions. Enabling this option allows one to use the MDS module to create maps of concepts similar to those suggested by Trochim, in its Concept Mapping procedure.



10. REDESIGNED CODING SEQUENCES DIALOG BOX

The CODING SEQUENCES dialog box has been totally redesigned to allow easier identification of important sequences using a heatmap display..

11. REVERT CHANGES

A new option allows one to revert changes made to a project and return it either to its original state when it was opened by the user or to the last time the user confirmed changes made to the project (using the KEEP CHANGES command or the CTRL-K keyboard shortcut).

12. REORDERING OF VARIABLES

One can now reorder variables in a project using an easy-to-use dialog.

13. TRANSFORMATION OF DATA TYPES

A new TRANSFORM command has been added to the VARIABLES menu to change the data type of existing variables and either replace the existing variable or stored the transformed variable into a new one. The following transformations are currently available:

Float -> Integer
Float -> String
Integer -> Float
Integer -> String
Nominal -> String
String -> Nominal
String -> Document (codable)

14. RECODING OF CATEGORICAL AND STRING VARIABLES

A new TRANSFORM | REORDER command allows one to recode existing values of a nominal or ordinal variable or of short string variables.

15. NEW SHORTCUTS FOR QUICKER RETRIEVAL OF CODED SEGMENTS

A new RETRIEVE SEGMENTS command has been added at different locations allowing one to quickly retrieve coded segments associated with specific codes or categories. These locations are:

- The contextual menu of the codebook
- The contextual menu of the Coding Frequency table.
- The bars or slices in the barchart / pie chart dialog box (new contextual menu)

16. DELETION OF MULTIPLE CASES

A new DELETE MULTIPLE command in the CASES menu may now be used to delete several cases.

17. SEND PROJECT BY EMAIL

A new command has been added to easily send a copy of the currently opened project by email. The project may be renamed and filtered and is then stored in a compact ZIP archive before being sent. This feature is useful for sending a project to other coders.

18. AUTOMATIC CODING CONSOLIDATION

An option may be set to automatically merge two or more consecutive or overlapping coded text segments into a larger one.

19. KEYBOARD SHORTCUTS FOR FASTER CODING

Up to 36 keyboard shortcuts may now be associated with specific codes allowing one to quickly assign codes to the selected text. These shortcuts are available either from the main editor or from lists of hits obtained through the various retrieval tools (including text, section or, keyword retrieval dialogs, query by examples, coding sequences dialogs). When used from the main editor, the coding is applied to the selected text segment. If no segment is selected, the coding will be applied to the paragraph at the caret position.

20. RESTRICTION OF TEXT RETRIEVAL TO UNCODED TEXT SEGMENTS

When retrieving sentence or paragraph with the Text Retrieval command, one may now tell QDA Miner to retrieve only uncoded text segments, excluding all text segments that have been previously coded.

21. DUPLICATE PROJECT COMMAND

A new DUPLICATE command has been added to the PROJECT menu, allowing the user to create a copy of the existing project. Although such a feature could have been easily achieved using the EXPORT | PROJECT FILE command, many users were unaware of this option.

22. PRINT CODEBOOK COMMAND

A new PRINT CODEBOOK command has been added to the CODES menu, allowing the user to print a copy of the codebook.

23. SLIDER CONTROLS IN CORRESPONDENCE PLOTS

Track bars with sliders have been added to the correspondence analysis dialog box allowing one to adjust the position of groups in correspondence plots.

24. IMPORTING OF WORDSTAT DICTIONARIES

Dictionaries created using WordStat may now be imported into QDA Miner and transformed into codes and categories. In this transformation, WordStat categories containing sub-categories are transformed into codebook categories, while all other categories (without sub-categories) are transformed into codes. Words, word patterns and phrases are imported and stored as keywords for the newly imported code (see CODE KEYWORDS AND KEYPHRASES).

25. IMPROVED MERGE COMMAND

The MERGE PROJECTS command now allows one to append logs as well as report entries created by other users.

26. NEW TEAMWORK SUBMENU

Features useful for teamwork have been grouped under a new TEAMWORK submenu. There are four features under this sub-menu are:

- Duplicate a project
- Send a project by email
- Merge projects
- Multi-users settings

The Multi-users settings that were part of the project's PROPERTIES command have been moved to this sub-menu.

27. IMPROVE TEXT SEARCH EXPRESSION EVALUATION

The text search expression now supports quotes (" ") for phrases searching. It also fixes search expressions with two consecutive words not separated by a boolean operator by inserting the default AND operator between them. For example, the following search expression:

```
job "social security"
```

is equivalent to the QDA Miner 2.0 search expression:

```
job AND social_security
```

28. IMPROVED CODE FREQUENCY DIALOG BOX

A list box has been added to the Code Frequency dialog box to select specific document or image variables and to compute statistics on those selected variables.

29. EXPORTATION OF CODE OCCURRENCES IN POLYNOMIAL VARIABLES

New options have been added to the VARIABLES | COMPUTE and PROJECT | EXPORT | STATISTICS command to store code occurrences in multiple polynomial variables, allowing to store a large number of code occurrences in a small number of variables.

30. FILTERING OF CODER AGREEMENTS AND DISAGREEMENTS

The CODING AGREEMENT dialog box now offers the possibility to filter the table of coded segments so that it will show only agreements or disagreements.

31. NEW BUTTON TO ASSIGN A NEW CODE TO A HIGHLIGHTED TEXT SEGMENT

In prior versions of QDA Miner, to assign a text segment to a new code, one had to create the code first, then highlight the text segment and assign the new code to it. A new button has been added to allow one to perform this operation more quickly.

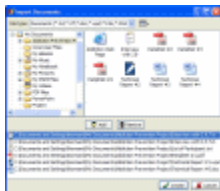
32. EXPORTATION OF CO-OCCURRENCE DATA TO SOCIAL NETWORK SOFTWARE

Co-occurrence data may now be exported to popular social network analysis software such as UCINET, Pajek, NetDraw and NetMiner.

What's New in Version 2.0?

1. FILE AND DOCUMENT MANAGEMENT FEATURES

- An easier project creation and document conversion routine now allows one to quickly start analyzing documents.







- Newy ADD DOCUMENTS command offers an easy way to append new documents to an existing project.
- An entire QDA Miner project, including tagged documents, may now be exported to XML.
- Improved and simplified Document Conversion Wizard (use for more powerful text extraction, with document splitting, text and data extraction).

2. CODEBOOK AND CODING FEATURES

- New fully hierarchical codebook system.
- Ability to merge several codes into a category.
- Ability to split a code into several ones, with optional search and replace dialog.
- A new Search and Replace Coding dialog has been added to facilitate revision of existing coding.

3. ANALYSIS FEATURES

- Complex text search, coding retrieval and case filtering strategies may now be saved  and retrieved . QDA Miner now provides savings and retrievals of options for the following functions:
 - Text Retrieval
 - Section Retrieval
 - Keyword Retrieval
 - Coding Retrieval
 - Coding Co-occurrences
 - Coding Sequences
 - Inter-coders Agreement
 - Case Filtering
- The CODE LIST feature has been moved to the ANALYSIS menu and renamed to CODING FREQUENCIES. The new dialog now allows one to obtain numerous additional statistics such as the total number of words associated with a code, % of codings, % of cases, % of words.

-  Bar charts and pie charts can now be used to display the distribution of codes.
- Results of queries and analysis may now be exported to XML.
-  New option for 3D Concept maps and 3D Correspondence plots allows one to draw anchor lines from the floor to the data point to better locate data points in all 3 dimensions.
- New option in the Content Analysis dialog allows one to include all text segments not associated selected codes.
- New shortcuts to select or clear all items in drop-down ch