

ACCELA PA Tech Workshops

Using HyperResearch for Qualitative Data Analysis Introduction

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This help sheet is designed to provide a step-by-step instruction on how to use HyperResearch, a qualitative research program.

What is HyperResearch?

HyperResearch is a program that assists you with your qualitative research studies. It lets you:

1. Code your source data.
2. Retrieve and manipulate your coded source materials.
3. Test propositions about the data on any code or combination of codes.
4. Test hypotheses about the overall meaning of your data.
5. Print or export the retrieved data for further, more in-depth analysis.

Preparing Your Source Materials.

The first step in using HyperResearch is to prepare your data (interviews, field notes, video clips, sound recording, digital pictures, etc) into proper electronic formats (See hand out on preparing source materials). **It is important that you make all the necessary changes to your source file before coding.** For now, we are going to work on a TEXT document:

1. On the desktop, create a NEW Folder named HyperResearch Data
2. Now Open MS Word.
3. Open one of your text files from your ACCELA data collection activities' for example: field notes, interviews, etc.
4. Save that file as 'text only' in a new folder on the desktop
5. Close your file and exit Word.

Working with HyperResearch.

1. **Open HyperResearch** by clicking on the icon to launch the program.
2. Click inside welcome screen to get into the untitled study project window.
3. (See figure 1)

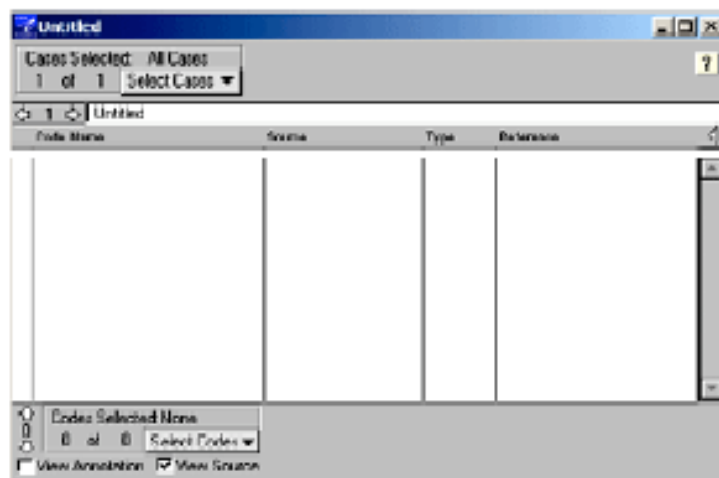


Figure 1

Beginning a New Study

Before you proceed with the coding, it is a good idea to give your study a name and create a few cases within the study.

Saving your study:

1. Go to the “file” menu from the menu bar and choose “save as”.
2. Find the HperResearch folder on your desktop and type a name for your study in the filename box and click “save”.

Creating new cases:

1. Go to ‘cases’ menu from the menu bar and choose “new ”.
2. Type in an appropriate name for the case.
3. Click ‘ok’.
4. Repeat the above steps to create all the cases you need.

You should now be back to the blank index window, ready to work with your source data.

Opening a Source File:

1. Go to ‘Source’ menu and choose ‘Open Source’, then text.
2. Find the HyperReseach folder on your desktop or the folder where you have saved your source data,
3. e.g. c:\My Documents\HyperResearch\source
4. Double click on a file to open it, e.g. fieldnote.txt or interview.txt.
5. Your data file is now open in the source window. (See figure 2) Remember, It is important that you make all the necessary changes to your source file before coding.

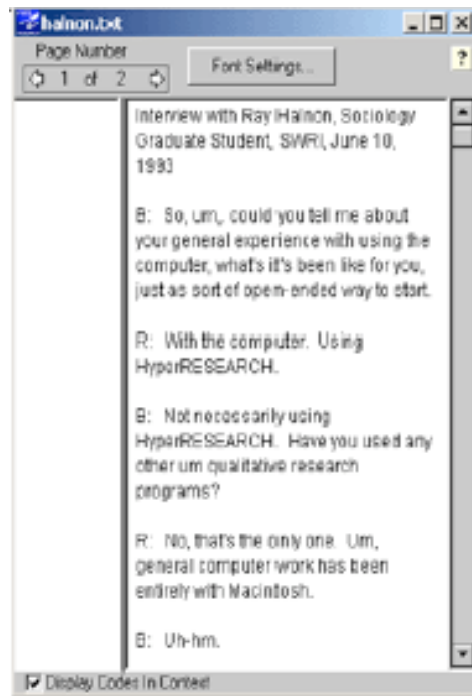


Figure 2

Selecting Text for Coding:

1. Click and drag your mouse over the text you want to encode to select it.
2. Click on the Edit code button Select “new code” and write a word or two for the

- code you want to use on the pop up window (See figure 3).
3. Click 'OK'.



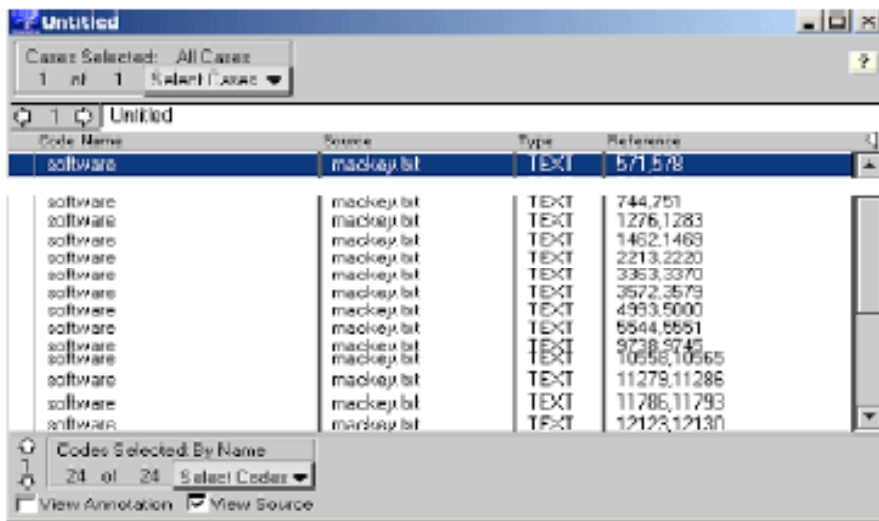
Figure 3

1. Click to highlight the code name you have just created and click on the Apply code button.

Doing Auto coding

Auto coding allows you to specify a word or phrase you want to use. It then scans your source material for every occurrence of that word and phrase and assigns a code of your choice automatically.

1. Go to the “Codes” menu and choose “Auto Code”.
2. *Click “source” tab and double click on a case name from the list.
3. *Choose the source file that is linked to that case and click open.
4. Click “phrase” tab, then “select phrase” tab.
5. *Enter a key word or phrase you want to find and click “ok”.
6. Click “codes” tab, then “select code” tab.
7. *Select a code name from the existing list or create a new code
8. (Refer to the previous section).
9. Click on the “**autocode**” button
10. The coding result will appear in the window listing all the occurrences of the word or
11. phrase. Click on a code name from the list to view the text. (See figure 4)



Generating a Report

Once you have finished coding and would like to look at the information the codes provide, you can run a report. Here are the steps.

1. Go to “report” menu and choose “new”. A report window will appear. (See figure 5

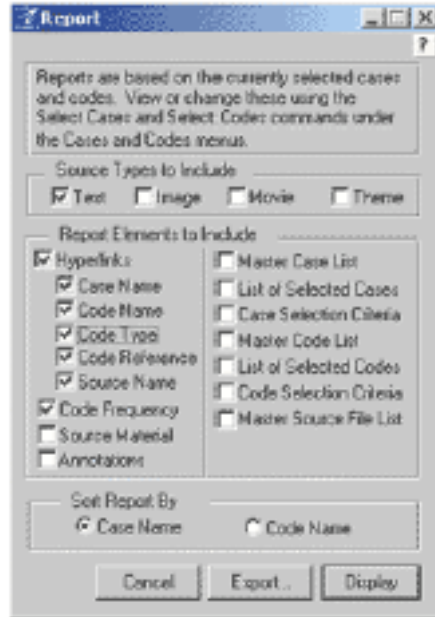


Figure 5

2. Check the boxes of your choice and click “Display” button at the lower right corner.
3. Once your report is displayed on the screen, you can go to “report” menu and choose
4. “save as” to save your report for future analysis.