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*iPsychExpter User's Manual*

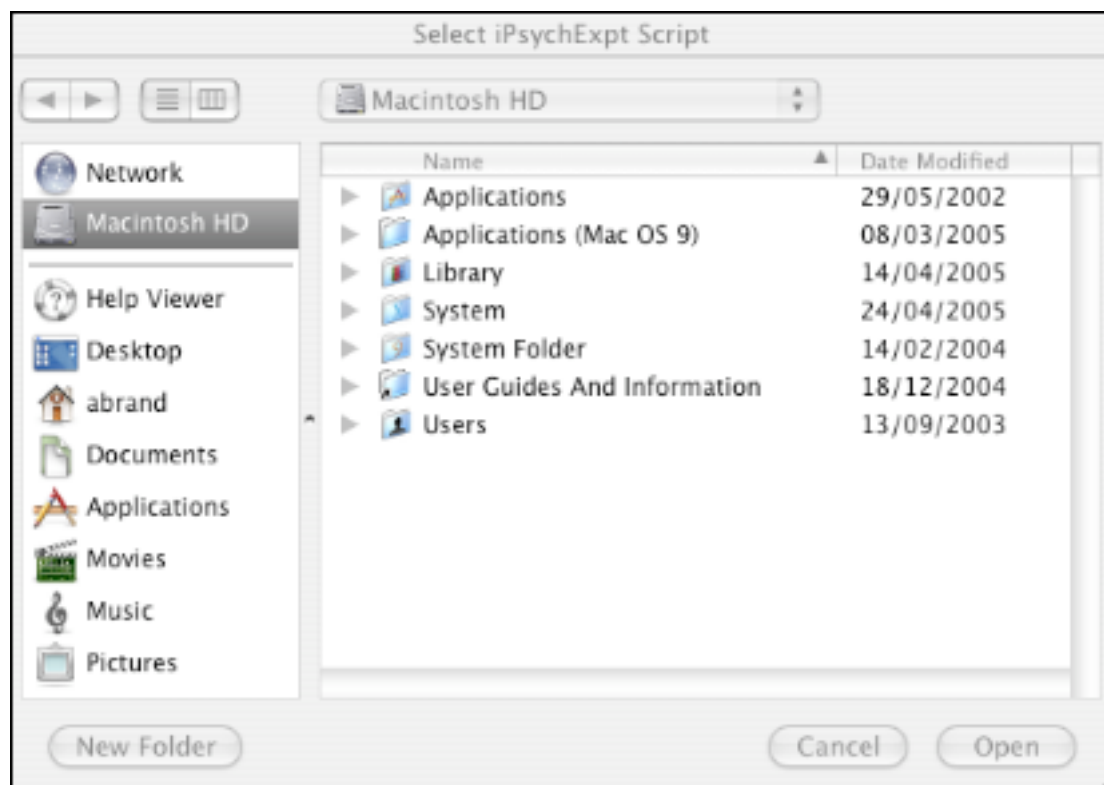
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## 1. Running

When you run the iPsychExpt you are presented with two file dialog boxes. The first dialog box (see, figure 1) instructs you to select an iPsychExpt Script file.

Figure 1: Select iPsychExpt Script File Dialog Box

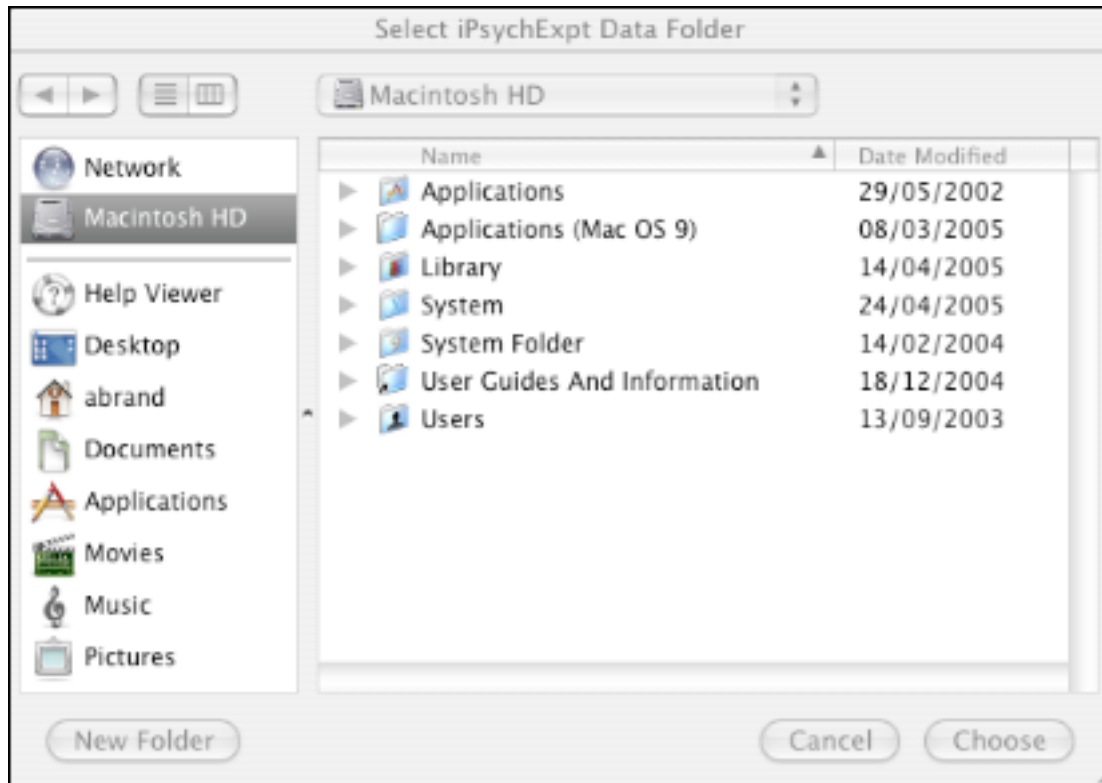


Note: An iPsychExpt Script file is a text file (.txt) which contains information on how your data is formatted and where on the internet your data is located

Tip: You may change the filename of an iPsychExpt Script, to something more meaningful, but do not edit the file itself.

The second dialog box (see, figure 2) instructs you to select an iPsychExpt Data folder.

Figure 2: Select iPsychExpt Data Folder Dialog Box



Note: The iPsychExpt Data folder is a folder where unformatted raw data from your iPsychExpt is downloaded to.

If you have not previously allocated a folder as your iPsychExpt Data folder, then create a new folder by using the create new folder function in the file dialog box. This involves simply locating where you want the folder to reside then clicking on the new folder button and entering a suitable name for the iPsychExpt Data folder.

Note: It is important that you ensure that every time you run iPsychExpt you select the *same* folder as your iPsychExpt Data folder otherwise new data will be downloaded to another folder.

If you wish to reset and restart collecting data for your iPsychExpt then create and assign a different folder to be your iPsychExpt Data folder. However, make sure that you do not confuse your new iPsychExpt Data folder with your old iPsychExpt Data folder otherwise you may download new data into your old iPsychExpt Data folder by mistake. So it is recommended that you either rename, relocate (or possibly delete) your old iPsychExpt Data folder to avoid such confusion.

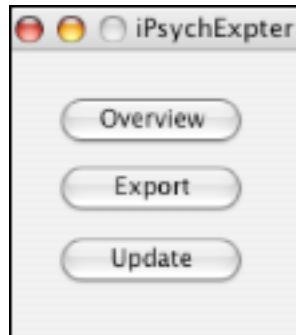
If you have two or more different iPsychExpts then ensure that for each of your iPsychExpts you assign a different folder to be your iPsychExpt Data folder. Also make sure that you do not confuse which iPsychExpt Data folder is associated with which iPsychExpt Script otherwise data may be downloaded to the wrong iPsychExpt Data folder.

Tip: You may store an iPsychExpt Script in an iPsychExpt Data folder.

Warning: Do not move or rename an iPsychExpt Data folder when running iPsychExpt.

After you have selected an iPsychExpt Script and an iPsychExpt Data folder you are presented with the iPsychExpter window (see figure, 3).

Figure 3: iPsychExpter Window

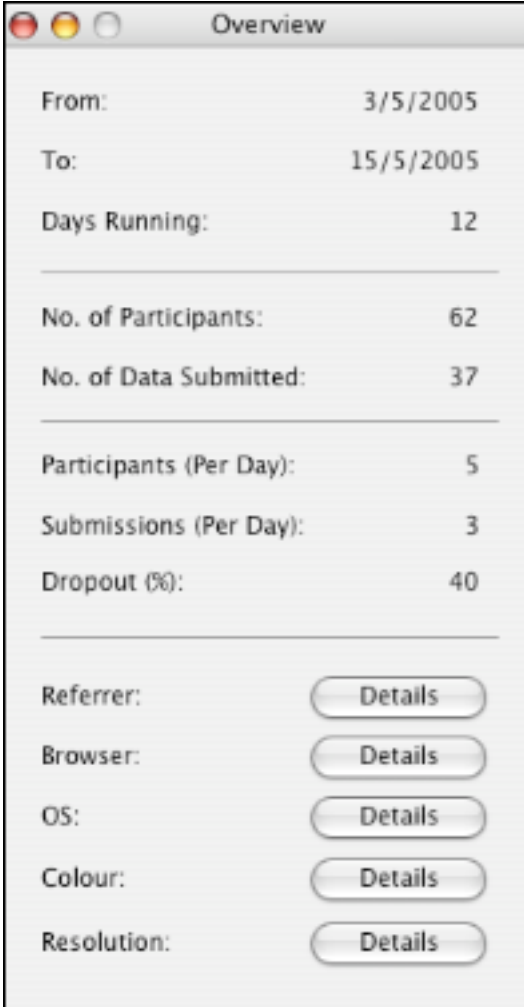


Clicking on the Overview button will allow you to overview the current iPsychExpt, clicking on the Export button will allow you to export data from the current iPsychExpt and finally clicking on the Update button will allow you to update (download data for) the current iPsychExpt.

## 2. Overviewing

Clicking on the Overview button in the iPsychExpt window provides information on the current iPsychExpt (see figure 4).

Figure 4: Overview Window



The screenshot shows a window titled "Overview" with a standard macOS-style title bar (red, yellow, and grey buttons). The window contains the following information:

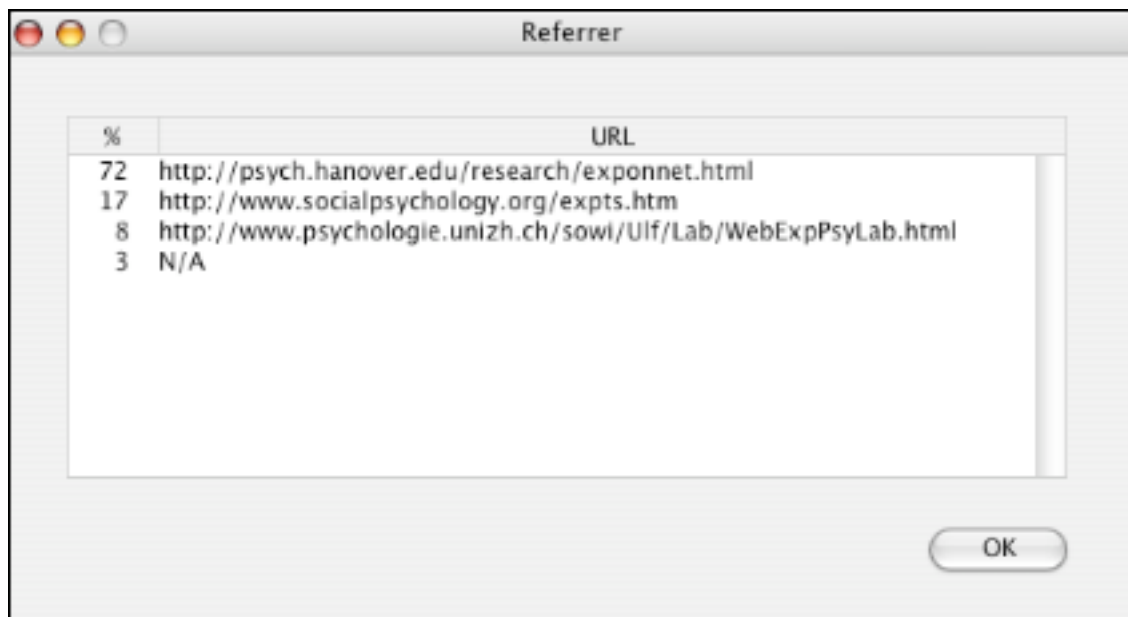
From:	3/5/2005
To:	15/5/2005
Days Running:	12
<hr/>	
No. of Participants:	62
No. of Data Submitted:	37
<hr/>	
Participants (Per Day):	5
Submissions (Per Day):	3
Dropout (%):	40
<hr/>	
Referrer:	<a href="#">Details</a>
Browser:	<a href="#">Details</a>
OS:	<a href="#">Details</a>
Colour:	<a href="#">Details</a>
Resolution:	<a href="#">Details</a>

Note: From = Date that the iPsychExpt began, To = Current date, Days Running = Different in days between the From date and the To date, No. of Participants = Total number of

participants (regardless of whether they dropped out), No. of Data Submitted = Number of participants that completed the iPsychExpt and submitted data, Participants (Per Day) = Number of participants per day (regardless of whether they dropped out), Submissions (Per Day) = Number of participants that completed the iPsychExpt and submitted data per day. Dropout = Percentage of participants that did not complete the iPsychExpt.

Clicking on the Referrer Details button in the Overview window provides information on the percentages of different URLs that referred participants to the iPsychExpt (see, figure 5).

Figure 5: Referrer Details Window



The screenshot shows a window titled "Referrer" with a table containing the following data:

%	URL
72	<a href="http://psych.hanover.edu/research/exponnet.html">http://psych.hanover.edu/research/exponnet.html</a>
17	<a href="http://www.socialpsychology.org/expts.htm">http://www.socialpsychology.org/expts.htm</a>
8	<a href="http://www.psychologie.unizh.ch/sowi/Ulf/Lab/WebExpPsyLab.html">http://www.psychologie.unizh.ch/sowi/Ulf/Lab/WebExpPsyLab.html</a>
3	N/A

An "OK" button is located at the bottom right of the window.

Note: Double clicking on the URL will automatically open the URL in your web browser.

Clicking on the Browser Details button in the Overview window provides information on the percentages of different web browsers that were used when participating in the iPsychExpt

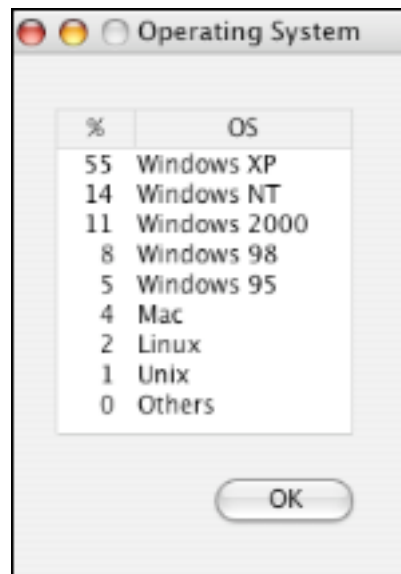
(see, figure 6).

Figure 6: Browser Details Window



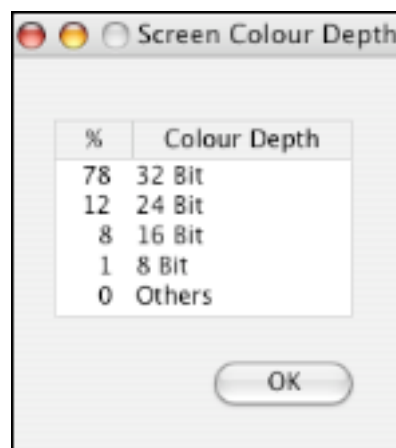
Clicking on the OS Details button in the Overview window provides information on the percentages of different operating systems that were used when participating in the iPsychExpt (see, figure 7).

Figure 7: OS Details Window



Clicking on the Colour Details button in the Overview window provides information on the percentages of different screen colour depths that were used when participating in the iPsychExpt (see, figure 8).

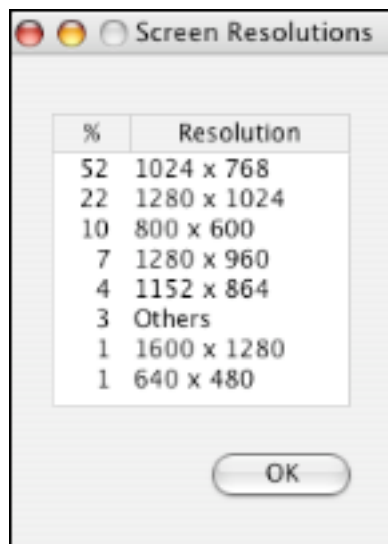
Figure 8: Colour Details Window



Note: 32 Bit = millions of colours, 24 Bit = millions of colours, 16 Bit = 65,000 colours, 8 Bit = 256 colours.

Clicking on the Resolutions Details button in the Overview window provides information on the percentages of different screen resolutions that were used when participating in the iPsychExpt (see, figure 9).

Figure 9: Resolutions Window



The image shows a window titled "Screen Resolutions" with a table of data. The table has two columns: "%" and "Resolution". The data is as follows:

%	Resolution
52	1024 x 768
22	1280 x 1024
10	800 x 600
7	1280 x 960
4	1152 x 864
3	Others
1	1600 x 1280
1	640 x 480

Below the table is an "OK" button.

Note: Resolutions are measured in pixels (width, height).

### **3. Exporting**

Clicking on the Export button in the iPsychExpt window allows you to export data from the current iPsychExpt Data Folder.

iPsychExpt exports 2 types of data: participant data and experimental data.

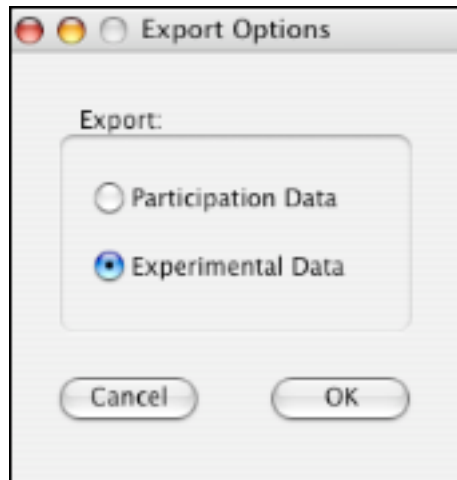
Participant data contains information about the participants: IP address, web browser, operating system, screen resolution, screen colour depth, date/time of participation, condition that the participant was assigned to and whether the participant completed the iPsychExpt and submitted their data.

Note: Participant data is collected for *every* participant that begins the experiment, regardless of whether they dropout during the experiment.

Experimental data contains the participant data plus participants' personal details (e.g. name, email address, sex & age) which is gathered at the end of the experiment, duration of participation and the actual experimental data.

When you click on the Export button you are presented with the following window (see figure, 10)

Figure 10: Export Window (1)



If you want to analyse the dropout rates for your experiment then select the participation data option.

Note: Analysing your dropout rate is highly recommend, especially for experimental designs which involve between-subject factors, (see, Reips, 2002<sup>1</sup>).

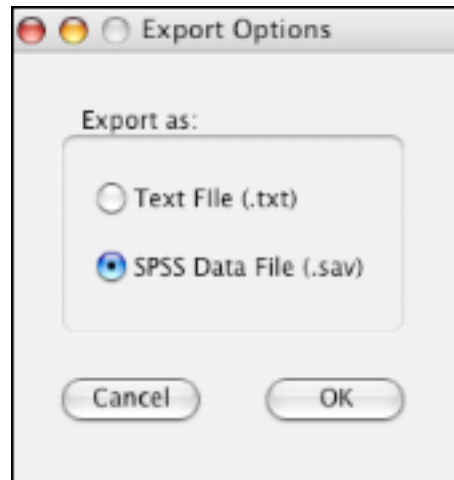
If you want to simply analyse your experimental data then select the experimental data option.

After you have selected the type of data (either participant or experimental) you want to export you are presented with the following window (see figure 11):

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<sup>1</sup> Reips, U. D. (2002). Standards for Internet-based experimenting. *Experimental Psychology*, 49, 243-256.

Figure 11: Export Window (2)



If you want to analyse your data using Excel, Access or any other statistical package other than SPSS then select the Text File option.

If you want to analyse your data using SPSS then select the SPSS Data File option.

After you have selected the file format of the data that you wish to export you will be presented with a standard save file dialog box so you can save the file.

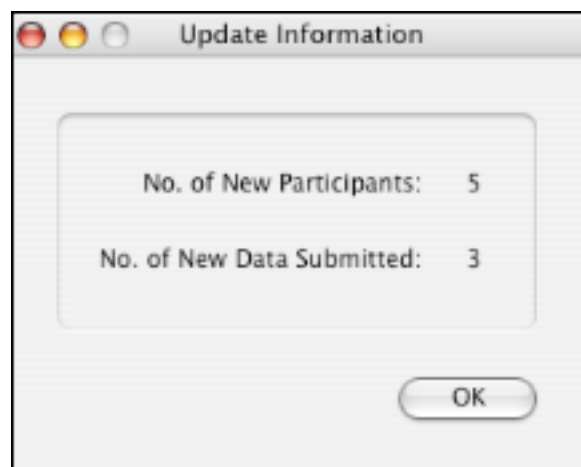
Note: *All* the relevant data from the iPsychExpt Data folder is export, not just the most recently downloaded data.

## **4. Updating**

Clicking on the Update button downloads new data to your iPsychExpt Data Folder.

After iPsychExpter has connected to the iPsychExpts' server, you are presented with a window (see, figure 12) that informs you of the number of new participants that have begun your experiment and the number of experimental data newly submitted

Figure 12: Update Information Window



If iPsychExpter can not connect to the iPsychExpts' server you will then been present with a alert box that will ask you to ensure that you are connected to the internet. If you are presented with this alert box and you are already connected to the internet then iPsychExpts server is probably temporarily down, so try again later.