

# Installing OTWorkplace

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## 0. System Requirements

Requires Windows 7 or XP (*RIP*). Not yet tested on Windows 8.

Requires Excel, 2003, 2007, 2010 (32-bit).

Will not work on 64-bit Office, though the bittage of Windows can be 32 or 64, no prob.

1. You must be connected to the internet for this installation to work.

2. Best to remove previous installations of Ruby and RUBOT. Use uninstall for Ruby, but also be sure to delete the folder `c:\ruby`. Delete any folders with RUBOT19 in them.

3. If you've done any uninstallation, reboot Windows.

4. Click on the .bat files sequentially, waiting for one to finish before starting the next. The command window will close by itself when the .bat file is done. If all goes well (Windows willing), this will do everything for you. Do not “install as administrator” — this interacts poorly with the execution of the .bat files.

If you experience difficulties with the .bat method, full by-hand instructions are provided in (9) below.

5. Installed locations are as follows:

Ruby → `c:\ruby`

Graphviz → `c:\Program Files\Graphviz`

RUBOT → `c:\Programs\RUBOT19`

OTWorkplace → `c:\Programs\OTWorkplace\otwpl_X_N.xlsm(.xls)`

NB: The N denotes the version number. The parenthesis denotes two files differing in the file extension by the presence/absence of the *m*.

6. When you're done, click on `otwpl_X_N.xls(m)` in `c:\Programs\OTWorkplace`. Excel 2007, 2010 users will want to use & retain the .xlsm file and delete the other.

- This will start the program and tell Excel where to look for it in future.

When Excel comes up, be sure to enable macros! In general, if Excel asks for permissions, grant them.

7. In Excel 2003, OTWorkplace installs a menu of the same name on the header bar, readily visible. In 2007 and 2010, this menu is installed in the Add-Ins sections, which you must therefore go to: `alt-x-p` will get you there mouselessly.

8. Open `TestFile.xls` or `TestFile.xlsx` in the `c:\Programs\OTWorkplace\` folder. Run the Factorial Typology routine (`OTWorkplace>Factorial Typology>FacTyp Calculate`). At the end, agree to everything. This ought to produce more sheets with diagrams on them. If this works, you're good to go.

9. **If this doesn't work**, you can go through the installation procedure **by hand**, entering the commands in the .bat files in a command window one after the other. The installation procedure may sometimes encounters problems in Windows 7 with the way that permissions and ownership of various folders has been set. These can be overcome if you execute the commands personally, as shown in this set of instructions, which provides a commented version of the sequence of operations.

### Step Zero

Call up a command window. Open the start-up menu by clicking on the right icon in the lower left of your desktop.

Move to inside the folder OTWorkplaceInstallerPackage\_verN. Do this by using `cd [path to this folder]` at the command prompt.

- To call up the command-line interface, enter *command* into the search window at the bottom of the StartUp menu, then do what comes naturally: click on the first option, which says 'Command Prompt'. Then enter commands at the prompt. To leave it (when done), type 'exit'.

### Step One

Type the following into the window:

```
mkdir c:\Programs
mkdir c:\Programs\OTWorkplace
```

- This uses Windows to make new folders with these names.

### Step Two

```
copy otwpl_X_N.xls c:\Programs\OTWorkplace
copy TestFile.xlsx c:\Programs\OTWorkplace
```

- Windows will copy these two files to the mentioned folders.
- *N* means whatever version number we're at. You can tell by looking at the files in the installer package folder.

### Step Three

```
unzip.exe RUBOT19_DATE -d c:\Programs
```

- *DATE* denotes whatever date is attached to the current version of this file.
- Unzip RUBOT as detailed. In Windows, you can right click on the file RUBOT19\_10.20.2102.zip, the click on 'Extract All' and browse to where it should go. If this doesn't work, you can install a good compression/decompression program like 7zip, which is free. The 'unzip.exe' program included in the package runs on the command line interface, using the syntax in the line from the .bat file just quoted.

### Step Four

```
setX RUBOT c:\Programs\RUBOT19\bin
```

- Execute this from the Command Prompt.

### Step Five

```
graphviz-2.28.0.msi /quiet /passive  
rubyinstaller-1.9.2-p290.exe /silent /tasks="assocfiles,modpath"
```

- Execute these from the command prompt, first one, then when it's done, the other. The flags should suppress all communications from the installer packages and ensure the right settings.

### Step Six

```
gem install facets  
gem install ruby-graphviz --version 1.0.0
```

- Go to the Command prompt and enter these commands one after the other.

### Step Seven

- Exit the command prompt: you should be done with installation.
- Go to c:\Programs\OTWorkplace and click on the OTWorkplace workbook.
- Tell Excel to enable macros.
- In post-2003 versions of Excel, the OTWorkplace pull-down menu will be in Add-ins.
- Open TestFile.xlsx in the c:\Programs\OTWorkplace folder.
- Pull down the OTWorkplace menu, click Open OTWorkplace at the bottom of the menu to OTWorkplace going.
- Return to TestFile.xlsx, run Factorial Typology (^F) and agree to everything. If you get ranking reports with diagrams as the final results, you're good to go.