

## Installing Chrombox O (Optimizer)

1. Open the archive "OO\_installation.zip"
2. Move folder "OO" to the preferred destination, e.g. [ C:\Chrombox\ ], This will be the O-root folder.
3. If the O-root folder is on a local disk, on a memory stick or on a disk connected by USB you can usually start the program by running the "Optimizer.exe" file in the O-root folder.
4. If the O-root folder is located on a network server or if the procedure in (3) for other reasons does not work, follow the procedure in 5-7.
5. Find the file "ostart.m" in the folder "...oo\various" and move it to somewhere in your Matlab path. This is the only file that needs to be in the Matlab path. Possible destinations may be found by starting Matlab and typing "path".
6. Open the "ostart.m" and edit the run command so it points to the file "oo\_startscript" (see blue text in the example below).
7. Start the program by opening matlab and type "ostart" at the command prompt.
8. You can create a desktop shortcut by copying the shortcut to Matlab and adding the following to the destination "/automation /r ostart" An example of how it can look is shown below, the added part in blue:

C:\MATLAB6p5\bin\win32\matlab.exe /automation /r ostart

An example of "ostart.m" is shown below. The part to edit is shown in blue.

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```
% Startupscript for Chrombox O
% Starts startscript by the run command.
% Startscript must be located in the O root,
% qstart must be in the matlab searchpath
% run c:\oo\oo_startscript

run c:\Chrombox\oo\oo_startscript
```

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It may be necessary to edit the file "oo\_localsettings.sdv" in the O-root folder, such as the code version or the size and position of the window.

An example of "oo\_localsettings.sdv" is shown below. Parts to check or edit are shown in red/blue.

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```
defaultfolders; 1; 1 use default folder settings, 0 use paths
specified below

defaultmethod; Default; Method to load on startup

path_designs; k:\CHROMBOX\OO\designs; Folder for saved designs

path_experiments; k:\CHROMBOX\OO\experiments; Folder for
experimental data

path_export; k:\CHROMBOX\OO\export; Folder for import/export of
various data

path_method; k:\CHROMBOX\OO\methods; Folder for methods

path_models; k:\CHROMBOX\OO\models; Folder for saved models

path_rawdata; k:\CHROMBOX\OO\rawdata; Rawdata folder

path_reports; k:\CHROMBOX\OO\reports; Folder for reports

path_results; k:\CHROMBOX\OO\results; Folder for results

tracker; 0; For development purposes, 0 or 1

user; Anonymous; User ID for info fields

version; 0-13-09; Code version to use

windowpos; [0.05 0.05 0.9 0.9]; Window position and size
[leftposition lowerposition width height] in fractions of
screen size
```

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Settings shown in red will have no effect as long as "defaultfolders" is set to 1 (recommended)