

# MATLAB PATH

## startup.m

When MATLAB starts, it will look for a **pathdef.m** file in its startup directory. It should not be edited - leave the default MATLAB path containing only MATLAB native toolboxes. The rest should be configured dynamically, as explained below.

If a custom **startup.m** is found on the path, it will be executed:

<https://www.mathworks.com/help/matlab/ref/startup.html>

There are two ways to configure place the startup.m on the path:

1. Custom startup folder set via MATLAB icon: (right click on the MATLAB icon | Properties | Start in ) (e.g. F:\Dropbox\Sources\Repos\matlab\_config\MATLAB2014) allows controlling different paths and other settings via **startup.m** file placed in this folder.

2. Place custom startup.m to the

[<https://www.mathworks.com/help/matlab/ref/userpath.html#userpath>]

Example startup.m:

```
disp('Welcome to MATLAB2014');  
set_sources_path;  
edit;  
EditorMacro('Alt-Control-h', @ig_createHeaderComment_dag);  
dbstop if error
```

The function **set\_sources\_path.m** can be something like the one below, to add all repositories but exclude .git folders:

```
addpath(genpath_exclude('F:\Dropbox\Sources\Repos', '.git'));
```

The minimal **startup.m** can be just:

```
addpath(genpath_exclude('YOUR_PATH_TO_REPOS', '.git'));
```

In this case,

[[https://github.com/igorkagan/matlab\\_config/blob/master/MATLAB2014/genpath\\_exclude.m#genpath\\_exclude.m](https://github.com/igorkagan/matlab_config/blob/master/MATLAB2014/genpath_exclude.m#genpath_exclude.m)]] should also be placed in the startup folder.

See [https://github.com/igorkagan/matlab\\_config](https://github.com/igorkagan/matlab_config) for example that includes genpath\_exclude.m

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