

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 your [userpath](#) (type 'userpath' in the MATLAB command window to figure out yours).

For example, a minimal **startup.m** for automatically including all GitHub repositories (but excluding not needed internal .git folders) can be just:

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

Note: [genpath_exclude.m](#) should also be placed in the startup folder.

See https://github.com/igorkagan/matlab_config for example that includes genpath_exclude.m:

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 not needed internal .git folders:

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

From:

<http://dag.dokuwiki.dpz.lokal/> - **DAG wiki**

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Last update: **2022/12/29 07:15**



