Manual for Package: root
Revision 2:5M

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Contents

1 root

```
Root folder of the source code belonging to the doctoral thesis:

"Multi-Scale Monitoring and Modelling of the Kapuas River Delta",
    Karl Kster, 2019,

and master thesis:

"Computing the Spectrum of the Confined Hydrogen Atom", Karl Kstner,
     2012.

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Installation instructions:

1) Install Matlab
2) Install subversion (svn) and add subversion to the search path,
    so that
   it can be called from Matlab
3) Checkout this umbrella-project:
   svn checkout https://github.com/karlkastner/root/trunk root/
4) Start Matlab
5) Change into this directory ('root/')
```

```
6) Run the Matlab script "startup" located in this directory

The script then fetches the sub-repositories and adds them to the
Matlab search path

Note:

The code upload is work in progress, more parts will be subsequently
documented, added and tested.

This is experimental code. Use it wisely and at your own risk.

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    />.
```

1.1 ROOTFOLDER

1.2 addpath_recursive

```
recursively add a directory and sub-directories to the Matlab
    search path
call restoredefaultpath to undo this
```

1.3 load_svn_externals

```
script emulating svn:external, which is not supported by GitHub
```

1.4 quick_data_download

1.5 startup