
PULSAR Version 1.00
Parallel Imaging Utilizing Localized Surface-coil Acquisition and Reconstruction
Magnetic Resonance Systems Lab
Department of Electrical Engineering
Texas A&M University

INSTALLATION

For installation of PULSAR, the user is encouraged to follow these steps:

1. Have MATLAB version 6.5 R13 (or newer version of MATLAB) installed in your system.
2. Create a working directory **workdir** (for example, c:\pulsar).
3. Download the pulsar.zip file and unzip it to **workdir**.
4. Open the file [startup.m](#) (Location: '**workdir**\source\common' and add/modify the following lines:

```
path(path, 'workdir\source\common');  
path(path, 'workdir\source\sense');  
path(path, 'workdir\source\smash');  
path(path, 'workdir\source\pils');  
path(path, 'workdir\source\grappa');  
path(path, 'workdir\source\space-rip');  
path(path, 'workdir\examples');  
path(path, 'workdir\examples\data');  
cd 'workdir\work'
```

where **workdir** is the directory that you created in step 2. For example, if your working directory is c:\pulsar, the previous lines should become

```
path(path, 'c:\pulsar\source\common');  
path(path, 'c:\pulsar\source\sense');  
path(path, 'c:\pulsar\source\smash');  
path(path, 'c:\pulsar\source\pils');  
path(path, 'c:\pulsar\source\grappa');  
path(path, 'c:\pulsar\source\space-rip');  
path(path, 'c:\pulsar\examples');  
path(path, 'c:\pulsar\examples\data');  
cd 'c:\pulsar\work'
```

5. For quick start, read Chapter 2 of the user manual and start with [Inputs_list.m](#) and [Run_file.m](#).