**roi.m**
Algorithms for region of interest functionality.
- Area calculation.
- User interaction

**flow.m**
- ROI tracking
- Flow quantification
- Flow graph

**fusion.m**
Image fusion tools

**communicate.m**
Communication module

**tools.m**
Image fusion tools

**export.m**
Export utilities

**utility.m**
DICOM utilities

**spect.m**
SPECT tools

**lv.m**
LV segmentation code

**rv.m**
RV segmentation code

**viability.m**
- Automated scar delineation
- Scar drawing routines

**segment.m**
("Backbone")
User interface
Calculations
Visualization

**openfile.m**
Loading and interpretation of DICOM files disk

**Patient database / segment server**

**pacs.m**
PACS connection

**Help fnc's**
- Error boxes
- Warning boxes
- Input dialog boxes
- ...

**Disc**

**Network**

- Event triggered by user interface.
- Request for calculation.
- Request for graphical redraw or user input/output
- Only precompiled code available

**Figure 1.**