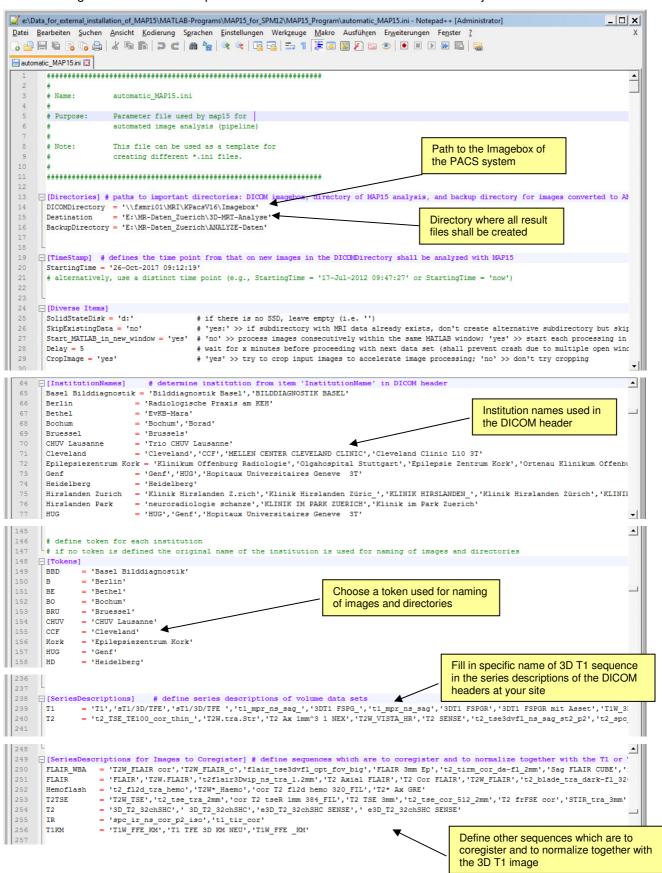
Editing the 'automatic_MAP18.ini' file

This text file (which is found in the directory '...\MAP18_for_SPM12\MAP18_Program') controls the automated conversion of DICOM images into ANALYZE format, the detection of different MR sequences, the naming rules for image files, and the subsequent image processing with MAP18.

The following overview shall explain which items have at least to be adjusted for each user site.



```
▲∥
         # determine several input arguments for MAP07 (i.e., mode,norm,space,sensitivity,ROI_mode,viewer)
         # from a combination of different image items (i.e., 'Institution', 'Manufacturer', "SeriesDescription' / 'ProtocolName', Manufacture
         # first item: mode (of action; please, cf. map07('help'))
             second item: norm (database; please, cf. map07('help'))
             fourth item: sensitivity (for detection of FCDs; i.e., 'high', 'medium', or 'low')
         # fifth item: ROI_mode (i.e., 'full', 'closed', or 'dotted')
                                                                                                                  Define on the left side the parameters
             sixth item: viewer (i.e., 'MRIcro', 'MRIcron', or 'none')
                                                                                                                  (i.e. mode of action, viewer etc) with
 279
 280
         # Parameters right of the identity sign (= items defining the image type):
                                                                                                                 which MAP18 shall be started when an
                                                                                                                  image as defined on the right side of the
              second item: 'Manufacturer'
                                                                                                                  equation sign is found.
             third item: 'SeriesDescription' / 'ProtocolName' (one expression for both items)
 284
             fourth item: 'ManufacturersModelName' (optionally)
             Combinational logic 'Institution' AND 'Manufacturer' AND ('SeriesDescr.
                                                                                                 tion' OR 'ProtocolName') AND ManufacturersModelName (opt:
         'all','B_Symphony_T1','standard','medium','closed','MRIcro'
'all','BE_Symphony_T1','standard','medium','closed','MRIcro'
                                                                                           'Berlin', 'Siemens', 'T1'
                                                                                        = 'Bethel','Siemens','T1'
         'all','AVG_f1','standard','medium','closed','MRIcro'
'all','BRU_Achieva_f1','standard','medium','closed','MRIcro'
 290
291
                                                                                        = 'Bochum', 'Siemens', 'T1'
                                                                                        = 'Bruessel', 'Philips', 'T1'
         'all', 'AVG_T1', 'standard', 'medium', 'closed', 'MRIcro'
         'all','BO_Trio_T2','standard','medium','closed','MRIoro'
'all','CC_Trio_T1','standard','medium','closed','MRIcro'
'all','AVG_T1','standard','medium','closed','MRIcro'
 293
294
                                                                                        - 'CHUV Lausanne', 'Siemens', 'T2'
                                                                                        = 'Cleveland', 'Siemens', 'T1'
                                                                                        = 'Epilepsiezentrum Kork', 'Siemens', 'T1', 'Symphony'
                                                        23164 chars 23882 bytes 360 lines
                                                                                             Ln: 267 Col: 1 Sel: 0 (0 bytes) in 0 ranges
MS ini file
                                                                                                                                         Dos\Windows ANSI
                                                                                                                                                                INS
```

To start the automatic mode of MAP18 call **automatic_MAP18('automatic_MAP18.ini')** from the MATLAB command window. You may define different 'ini' files for different modes of action. In this case the command **map18('automatic')** opens a menu for the selection of the desired 'ini' file.

After calling the automatic mode of MAP18 the program waits for the arrival of new images in the image directory of the local PACS system. If an appropriate MRI with a 3D T1 image arrives, the DICOM images are converted to ANALYZE format and transferred to the destination directory. Then, MAP18 is automatically started and does the analysis on the new image(s).