```
#
------------------------------------------------------------------------
------------
# This is a bidsmap YAML file with the key-value mappings for the
different BIDS
# datatypes (anat, func, dwi, etc). The datatype attributes are the
keys that map
# onto the BIDS labels. The bidsmap data-structure should be 5
levels deep:
# dict > dict > list > dict > dict
#
# NB:
# 1) Edit the bidsmap file to your needs before feeding it to
bidscoiner.py
# 2) (Institute) users may create their own bidsmap_[template].yaml
or
#    bidsmap_[sample].yaml file
#
# For more information, see:
# https://github.com/Donders-Institute/bidscoin
# https://docs.ansible.com/ansible/latest/reference_appendices/
YAMLSyntax.html
#
------------------------------------------------------------------------
------------


Options:
  bidscoin:
    version: 3.0.8                  # BIDScoin version (should
correspond with the version in ../bidscoin/version.txt)
    bidsignore: extra_data/       # Semicolon-separated list of
entries that are added to the .bidsignore file (for more info, see
BIDS specifications), e.g. extra_data/;pet/;myfile.txt;yourfile.csv
  dcm2niix:                       # See dcm2niix -h and https://
www.nitrc.org/plugins/mwiki/index.php/dcm2nii:MainPage#General_Usage
for more info
    path: /Users/ah2816/opt/anaconda3/envs/Python/bin/dcm2niix;    #
Command to set the path to dcm2niix (note the semi-colon), e.g.
module add dcm2niix/1.0.20180622; or PATH=/opt/dcm2niix/bin:$PATH;
or /opt/dcm2niix/bin/ or '"C:\Program Files\dcm2niix\"' (note the
quotes to deal with the whitespace)
    args: -b y -z y -i n          # Argument string that is passed
to dcm2niix. Tip: SPM users may want to use '-z n' (which produces
unzipped nifti's, see dcm2niix -h for more information)


PlugIns: []
DICOM:
  subject: <<SourceFilePath>>     # <<SourceFilePath>> extracts the
subject label from the source directory during bidscoiner runtime. A
DICOM attribute can also be used as subject-label instead, e.g.
<PatientID>
  session: <<SourceFilePath>>     # <<SourceFilePath>> extracts the
```

```
session label from the source directory during bidscoiner runtime. A
DICOM attribute can also be used as session-label instead, e.g.
<StudyID>

  anat:       # ---------------------- All anatomical runs
--------------------
  func:       # ---------------------- All functional runs
--------------------
  perf:       # ---------------------- All perfusion runs
--------------------
  - provenance:
    attributes: &perf_dicomattr
      Modality:
      ProtocolName:
      SeriesDescription:
      ImageType:
      SequenceName:
      SequenceVariant:
      ScanningSequence:
      MRAcquisitionType:
      SliceThickness:
      FlipAngle:
      EchoNumbers:
      EchoTime:
      RepetitionTime:
      PhaseEncodingDirection:
    bids:
      acq: <ProtocolName>
      rec: <SeriesDescription>
      dir:
      run: <<1>>
      suffix: asl
  - provenance:
    attributes: *perf_dicomattr
    bids:
      <<:
                                          # See: schema/datatypes/
perf.yaml
        acq: <ProtocolName>
        rec: <SeriesDescription>
        dir:
        run: <<1>>
        suffix: asl
      suffix: m0scan
      acq: <ProtocolName>
      rec: <SeriesDescription>
      dir:
      run: <<1>>
  - provenance:
    attributes: *perf_dicomattr
    bids:
      acq: <ProtocolName>
      rec: <SeriesDescription>
      dir:
```

```
      run: <<1>>
      suffix: aslcontext
  - provenance:
    attributes: *perf_dicomattr
    bids:
      acq: <ProtocolName>
      rec: <SeriesDescription>
      run: <<1>>
      suffix: asllabeling

  dwi:        # ---------------------- All diffusion runs
--------------------
  fmap:       # ---------------------- All fieldmap runs
--------------------
  eeg:        # ---------------------- All EEG data
--------------------------
  - provenance:
    attributes:
      Modality: EEG
      ProtocolName:
      SeriesDescription:
    bids:                             # See: schema/datatypes/
eeg.yaml
      acq: <ProtocolName>
      task: <SeriesDescription>
      run: <<1>>
      suffix: eeg

  ieeg:       # ---------------------- All iEEG data
-------------------------
  - provenance:
    attributes:
      Modality: EEG
      ProtocolName:
      SeriesDescription:
    bids:                             # See: schema/datatypes/
ieeg.yaml
      acq: <ProtocolName>
      task: <SeriesDescription>
      run: <<1>>
      suffix: ieeg

  beh:        # ---------------------- All behavioural data
------------------
  pet:        # ---------------------- All PET runs
--------------------------
  extra_data: # ---------------------- All extra data
------------------------
  leave_out:  # ---------------------- Data that will be left out
-------------
PAR:
  subject: <<SourceFilePath>>     # <<SourceFilePath>> extracts the
subject label from the source directory during bidscoiner runtime. A
DICOM attribute can also be used as subject-label instead, e.g.
```

```
<PatientID>
  session: <<SourceFilePath>>     # <<SourceFilePath>> extracts the
session label from the source directory during bidscoiner runtime. A
DICOM attribute can also be used as session-label instead, e.g.
<StudyID>

  anat:       # ---------------------- All anatomical runs
--------------------
  - provenance: /Volumes/toshiba/ICCAM/DICOMS/3/sub-3002/ses-1/
sub-3002_T1w.PAR
    attributes:
      series_type: Image   MRSERIES
      exam_name: MRH050
      protocol_name: T1W_IR 1150 SENSE
      tech: T1TFE
      diffusion: 0
      fov: '[240.   144.   191.25]'
      scan_resolution: '[256 205]'
      scan_mode: 3D
      max_slices: 160
      flow_compensation: 0
      max_echoes: 1
      repetition_time: '[8.4]'
      prep_direction: Right-Left
    bids:
      acq: ''
      ce:
      rec:
      run: ''
      part: ['', mag, phase, real, imag, 0]
      suffix: T1w
  - provenance: /Volumes/toshiba/ICCAM/DICOMS/3/sub-3002/ses-1/
sub-3002_T2w.PAR
    attributes:
      series_type: Image   MRSERIES
      exam_name: MRH050
      protocol_name: Anna_PD SENSE
      tech: TSE
      diffusion: 0
      fov: '[256.   153.65 192.  ]'
      scan_resolution: '[256 195]'
      scan_mode: MS
      max_slices: 40
      flow_compensation: 0
      max_echoes: 1
      repetition_time: '[6980.]'
      prep_direction: Right-Left
    bids:
      suffix: PDT2
      acq: ''
      ce:
      rec:
      run: ''
      part: ['', mag, phase, real, imag, 0]
```

```
  func:       # ----------------------- All functional runs
--------------------
  - provenance: /Volumes/toshiba/ICCAM/DICOMS/3/sub-3002/ses-1/
sub-3002_evo_run-1.PAR
    attributes:
      series_type: Image   MRSERIES
      exam_name: MRH050
      protocol_name: EVOC run1 2E SENSE
      tech: FEEPI
      diffusion: 0
      fov: '[225.  99. 225.]'
      scan_resolution: '[64 61]'
      scan_mode: MS
      max_slices: 33
      flow_compensation: 0
      max_echoes: 2
      repetition_time: '[2000.001]'
      prep_direction: Anterior-Posterior
    bids:
      task: evo
      acq: ''
      ce:
      dir:
      rec:
      run: <<1>>
      echo:
      part: ['', mag, phase, real, imag, 0]
      suffix: bold
  - provenance: /Volumes/toshiba/ICCAM/DICOMS/3/sub-3002/ses-1/
sub-3002_evo_run-2.PAR
    attributes:
      series_type: Image   MRSERIES
      exam_name: MRH050
      protocol_name: EVOC run2 2E SENSE
      tech: FEEPI
      diffusion: 0
      fov: '[225. 102. 225.]'
      scan_resolution: '[64 61]'
      scan_mode: MS
      max_slices: 34
      flow_compensation: 0
      max_echoes: 2
      repetition_time: '[1999.999]'
      prep_direction: Anterior-Posterior
    bids:
      task: evo
      acq: ''
      ce:
      dir:
      rec:
      run: <<2>>
      echo:
      part: ['', mag, phase, real, imag, 0]
      suffix: bold
```

```
  - provenance: /Volumes/toshiba/ICCAM/DICOMS/3/sub-3002/ses-1/
sub-3002_gng_run-1.PAR
    attributes:
      series_type: Image   MRSERIES
      exam_name: MRH050
      protocol_name: GO_NO_GO run1 2E SENSE
      tech: FEEPI
      diffusion: 0
      fov: '[225.  99. 225.]'
      scan_resolution: '[64 61]'
      scan_mode: MS
      max_slices: 33
      flow_compensation: 0
      max_echoes: 2
      repetition_time: '[2000.001]'
      prep_direction: Anterior-Posterior
    bids:
      task: gng
      acq: ''
      ce:
      dir:
      rec:
      run: <<1>>
      echo:
      part: ['', mag, phase, real, imag, 0]
      suffix: bold
  - provenance: /Volumes/toshiba/ICCAM/DICOMS/3/sub-3002/ses-1/
sub-3002_gng_run-2.PAR
    attributes:
      series_type: Image   MRSERIES
      exam_name: MRH050
      protocol_name: GO_NO_GO run2 2E SENSE
      tech: FEEPI
      diffusion: 0
      fov: '[225.  99. 225.]'
      scan_resolution: '[64 61]'
      scan_mode: MS
      max_slices: 33
      flow_compensation: 0
      max_echoes: 2
      repetition_time: '[2000.001]'
      prep_direction: Anterior-Posterior
    bids:
      task: gng
      acq: ''
      ce:
      dir:
      rec:
      run: <<2>>
      echo:
      part: ['', mag, phase, real, imag, 0]
      suffix: bold
  - provenance: /Volumes/toshiba/ICCAM/DICOMS/3/sub-3002/ses-1/
sub-3002_mid_run-1.PAR
```

```
    attributes:
      series_type: Image   MRSERIES
      exam_name: MRH050
      protocol_name: MID run1 2E SENSE
      tech: FEEPI
      diffusion: 0
      fov: '[225.  99. 225.]'
      scan_resolution: '[64 61]'
      scan_mode: MS
      max_slices: 33
      flow_compensation: 0
      max_echoes: 2
      repetition_time: '[2000.001]'
      prep_direction: Anterior-Posterior
    bids:
      task: mid
      acq: ''
      ce:
      dir:
      rec:
      run: <<1>>
      echo:
      part: ['', mag, phase, real, imag, 0]
      suffix: bold
  - provenance: /Volumes/toshiba/ICCAM/DICOMS/3/sub-3002/ses-1/
sub-3002_mid_run-2.PAR
    attributes:
      series_type: Image   MRSERIES
      exam_name: MRH050
      protocol_name: MID run2 2E SENSE
      tech: FEEPI
      diffusion: 0
      fov: '[225.  99. 225.]'
      scan_resolution: '[64 61]'
      scan_mode: MS
      max_slices: 33
      flow_compensation: 0
      max_echoes: 2
      repetition_time: '[2000.001]'
      prep_direction: Anterior-Posterior
    bids:
      task: mid
      acq: ''
      ce:
      dir:
      rec:
      run: <<2>>
      echo:
      part: ['', mag, phase, real, imag, 0]
      suffix: bold
  - provenance: /Volumes/toshiba/ICCAM/DICOMS/3/sub-3002/ses-1/
sub-3002_rest_run-1.PAR
    attributes:
      series_type: Image   MRSERIES
```

```
      exam_name: MRH050
      protocol_name: RESTING_STATE SENSE
      tech: FEEPI
      diffusion: 0
      fov: '[225. 102. 225.]'
      scan_resolution: '[64 61]'
      scan_mode: MS
      max_slices: 34
      flow_compensation: 0
      max_echoes: 2
      repetition_time: '[1999.999]'
      prep_direction: Anterior-Posterior
    bids:
      task: rest
      acq: ''
      ce:
      dir:
      rec:
      run: <<1>>
      echo:
      part: ['', mag, phase, real, imag, 0]
      suffix: bold
  perf:       # ---------------------- All perfusion runs
--------------------
  - provenance:
    attributes: &perf_parattr
      series_type:
      exam_name:
      protocol_name:
      tech:
      diffusion:
      fov:
      scan_resolution:
      scan_mode:
      max_slices:
      flow_compensation:
      max_echoes:
      repetition_time:
      prep_direction:
    bids:
      acq: <protocol_name>
      rec: <tech>
      dir:
      run: <<1>>
      suffix: asl
  - provenance:
    attributes: *perf_parattr
    bids:
      <<:
                                          # See: schema/datatypes/
perf.yaml
        acq: <protocol_name>
        rec: <tech>
        dir:
```

```
        run: <<1>>
        suffix: asl
      suffix: m0scan
      acq: <protocol_name>
      rec: <tech>
      dir:
      run: <<1>>
  - provenance:
    attributes: *perf_parattr
    bids:
      acq: <protocol_name>
      rec: <tech>
      dir:
      run: <<1>>
      suffix: aslcontext
  - provenance:
    attributes: *perf_parattr
    bids:
      acq: <protocol_name>
      rec: <tech>
      run: <<1>>
      suffix: asllabeling

  dwi:        # ------------------------ All diffusion runs
--------------------
  fmap:       # ------------------------ All fieldmap runs
----------------------
  - provenance: /Volumes/toshiba/ICCAM/DICOMS/3/sub-3002/ses-1/
sub-3002_fmap.PAR
    attributes:
      series_type: Image   MRSERIES
      exam_name: MRH050
      protocol_name: WIP Anna_B0_mapping CLEAR
      tech: T1FFE
      diffusion: 0
      fov: '[225.     98.988 225.   ]'
      scan_resolution: '[64 64]'
      scan_mode: MS
      max_slices: 33
      flow_compensation: 0
      max_echoes: 1
      repetition_time: '[599.]'
      prep_direction: Anterior-Posterior
    bids:
      acq: ''
      run: ''
      suffix: fieldmap
      IntendedFor: ''
  eeg:        # ------------------------ All EEG data
---------------------------

  ieeg:       # ------------------------ All iEEG data
--------------------------
```

```
  meg:        # ----------------------- All MEG data
---------------------------

  beh:        # ----------------------- All behavioural data
-------------------

  pet:        # ----------------------- All PET runs
---------------------------

  extra_data:    # ----------------------- All extra data
-------------------------

  leave_out:  # ----------------------- Data that will be left out
-------------
  - provenance: /Volumes/toshiba/ICCAM/DICOMS/3/sub-3002/ses-1/
sub-3002_DTI.PAR
    attributes:
      series_type: Image   MRSERIES
      exam_name: MRH050
      protocol_name: WIP DTI_Laurence_64dirs SENSE
      tech: DwiSE
      diffusion: 1
      fov: '[240. 133. 240.]'
      scan_resolution: '[128 124]'
      scan_mode: MS
      max_slices: 70
      flow_compensation: 0
      max_echoes: 1
      repetition_time: '[9299.997]'
      prep_direction: Anterior-Posterior
    bids:
      acq: <protocol_name><exam_name>
      rec: DwiSE
      suffix: ImageMRSERIES
  - provenance: /Volumes/toshiba/ICCAM/DICOMS/3/sub-3002/ses-1/
sub-3002_localizer.PAR
    attributes:
      series_type: Image   MRSERIES
      exam_name: MRH050
      protocol_name: Survey
      tech: T1TFE
      diffusion: 0
      fov: '[250. 250.  50.]'
      scan_resolution: '[256 128]'
      scan_mode: MS
      max_slices: 9
      flow_compensation: 0
      max_echoes: 1
      repetition_time: '[11.125]'
      prep_direction: Anterior-Posterior
    bids:
      acq: Survey
      inv:
      rec: T1TFE
```

```
      ce:
      task:
      echo:
      dir:
      run: <<1>>
      mod:
      part:
      suffix:
P7:
#
------------------------------------------------------------------------
------------
# P*.7 key-value heuristics (GE fields that are mapped to the BIDS
labels)
#
------------------------------------------------------------------------
------------


Nifti:
#
------------------------------------------------------------------------
------------
# Nifti key-value heuristics (Nifti fields that are mapped to the
BIDS labels)
#
------------------------------------------------------------------------
------------


FileSystem:
#
------------------------------------------------------------------------
------------
# File system key-value heuristics (these file- and foldernames will
be mapped
# to the BIDS labels; Special substitutions can be performed using
python's
# Format Specification Mini-Language)
#
------------------------------------------------------------------------
------------
```