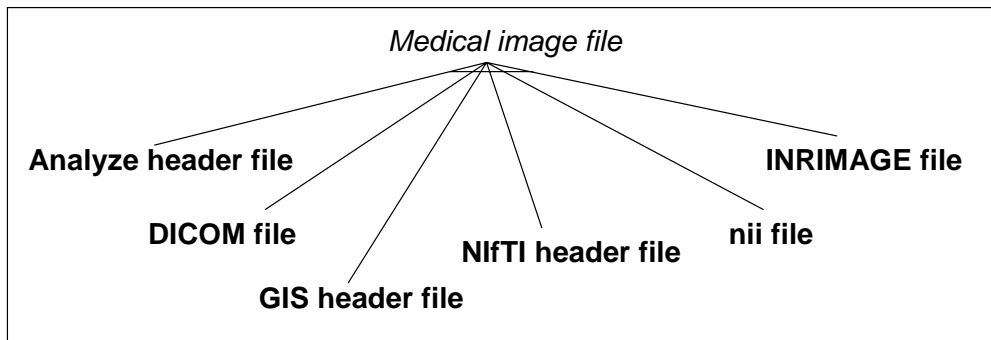


Medical image file-OS

// Metadata

Name	Medical image file-OS
Keywords	Analyze header file, DICOM file, GIS header file, NIfTI header file, nii file, INRIMAGE file
Creation date	October 1 st , 2008
Has contributor	Michel Dojat, Bernard Gibaud, Gilles Kassel, Lynda Temal
Used ontology engineering methodology	OntoSpec
Is of type	Domain ontology
Natural language	English
Has ontology language	OntoSpec
Has formality level	Semi-informal
Ressource locator	http://www.laria.u-picardie.fr/IC/site/IMG/pdf/Medical_Image_File-OS.pdf
Version	1.0
Number of concepts (classes)	6
Number of relations (properties)	0

// Concepts



Analyze header file

Meta-properties

ANALYZE HEADER FILE is RIGID (+**R**). ANALYZE HEADER FILE is EXTERNALLY-DEPENDENT (+**D**).

Properties

[EP/SLD] An ANALYSE HEADER FILE is a MEDICAL IMAGE FILE that *realizes* an ANALYZE EXPRESSION *at* a TIME INTERVAL.

Comment

[DIV] Such files have for extension ‘.hdr’.

DICOM file

Meta-properties

DICOM File is RIGID (+**R**). DICOM File is EXTERNALLY-DEPENDENT (+**D**).

Properties

[EP/SLD] A DICOM FILE is a MEDICAL IMAGE FILE that *realizes* a DICOM EXPRESSION *at* a TIME INTERVAL.

GIS header file

Meta-properties

GIS HEADER FILE is RIGID (+**R**). GIS HEADER FILE is EXTERNALLY-DEPENDENT (+**D**).

Properties

[EP/SL] A GIS HEADER FILE is a MEDICAL IMAGE FILE that *realizes* a GIS EXPRESSION *at* a TIME INTERVAL.

Comment

[DIV] Such files have for extension ‘.dim’.

NIFTI header file

Meta-properties

NIFTI HEADER FILE is RIGID (+**R**). NIFTI HEADER FILE is EXTERNALLY-DEPENDENT (+**D**).

Properties

[EP/SL] A NIFTI HEADER FILE is a MEDICAL IMAGE FILE that *realizes* a NIFTI EXPRESSION *at* a TIME INTERVAL.

Comment

[DIV] Such files have for extension ‘.hdr’.

Nii file

Meta-properties

NII FILE is RIGID (+**R**). NII FILE is EXTERNALLY-DEPENDENT (+**D**).

Properties

[EP/SL] A NII FILE is a MEDICAL IMAGE FILE that *realizes* a NIFTI EXPRESSION *at* a TIME INTERVAL.

Comment

[DIV] Such files realize a whole NIFTI expression and have for extension ‘.nii’.

INRIMAGE file

Meta-properties

INRIMAGE FILE is RIGID (+**R**). INRIMAGE FILE is EXTERNALLY-DEPENDENT (+**D**).

Properties

[EP/SLD] An INRIMAGE FILE is a MEDICAL IMAGE FILE that *realizes* an INRIMAGE EXPRESSION *at* a TIME INTERVAL.