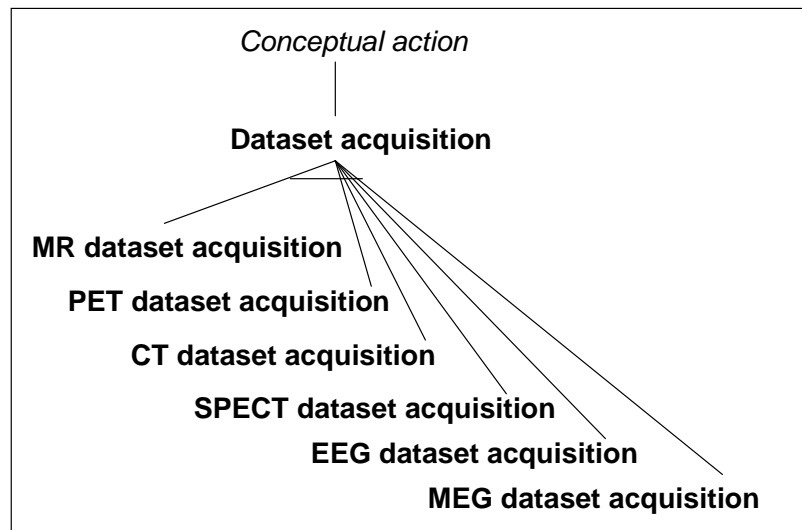


Dataset acquisition-OS

// Metadata

Name	Dataset acquisition-OS
Keywords	MR dataset acquisition, PET dataset acquisition, MR dataset acquisition protocol, MRI equipment, PET equipment
Creation date	September 30 th , 2008
Has contributor	Farooq Ahmad, Michel Dojat, Bernard Gibaud, Pascal Girard, 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/Dataset_acquisition-OS.pdf
Version	1.0
Number of concepts (classes)	15
Number of relations (properties)	0

// Concepts



Dataset acquisition

Meta-properties

DATASET ACQUISITION is RIGID (+**R**). DATASET ACQUISITION is EXTERNALLY-DEPENDENT (+**D**). MR DATASET ACQUISITION, PET DATASET

ACQUISITION, CT DATASET ACQUISITION, SPECT DATASET ACQUISITION, EEG DATASET ACQUISITION and MEG DATASET ACQUISITION *is a disjunctive sub-division of* DATASET ACQUISITION.

Properties

[EP/SL] A DATASET ACQUISITION is a CONCEPTUAL ACTION. [EP/ER] Every DATASET ACQUISITION *has for result* a DATASET *at a* TIME INTERVAL. [EP/ER] Every DATASET ACQUISITION *has for instrument* a DATASET EQUIPMENT *at a* TIME INTERVAL. [EP/ER] Every DATASET ACQUISITION *has for instrument* a SOFTWARE *at a* TIME INTERVAL.

MR dataset acquisition

Meta-properties

MR DATASET ACQUISITION is RIGID (+**R**). MR DATASET ACQUISITION is EXTERNALLY-DEPENDENT (+**D**).

Properties

[EP/SLD] A MR DATASET ACQUISITION is a DATASET ACQUISITION which *has for result* a MR DATASET *at a* TIME INTERVAL. [EP/ER] Every MR DATASET ACQUISITION *has for instrument* a MR EQUIPMENT *at a* TIME INTERVAL. [EP/ER] Every MR DATASET ACQUISITION *complies with* a MR DATASET ACQUISITION PROTOCOL.

PET dataset acquisition

Meta-properties

PET DATASET ACQUISITION is RIGID (+**R**). PET DATASET ACQUISITION is EXTERNALLY-DEPENDENT (+**D**).

Properties

[EP/SLD] A PET DATASET ACQUISITION is a DATASET ACQUISITION which *has for result* a PET DATASET *at a* TIME INTERVAL. [EP/ER] Every PET DATASET ACQUISITION *has for instrument* a PET EQUIPMENT *at a* TIME INTERVAL.

CT dataset acquisition

Meta-properties

CT DATASET ACQUISITION is RIGID (+**R**). CT DATASET ACQUISITION is EXTERNALLY-DEPENDENT (+**D**).

Properties

[EP/SLD] A CT DATASET ACQUISITION is a DATASET ACQUISITION which *has for result* a CT DATASET *at a* TIME INTERVAL. [EP/ER] Every CT DATASET ACQUISITION *has for instrument* a CT EQUIPMENT *at a* TIME INTERVAL.

SPECT dataset acquisition

Meta-properties

SPECT DATASET ACQUISITION is RIGID (+**R**). SPECT DATASET ACQUISITION is EXTERNALLY-DEPENDENT (+**D**).

Properties

[EP/SLD] A SPECT DATASET ACQUISITION is a DATASET ACQUISITION which *has for result* a SPECT DATASET *at a* TIME INTERVAL. [EP/ER] Every SPECT DATASET ACQUISITION *has for instrument* a SPECT EQUIPMENT *at a* TIME INTERVAL.

EEG dataset acquisition

Meta-properties

EEG DATASET ACQUISITION is RIGID (+**R**). EEG DATASET ACQUISITION is EXTERNALLY-DEPENDENT (+**D**).

Properties

[EP/SLD] An EEG DATASET ACQUISITION is a DATASET ACQUISITION which *has for result* an EEG DATASET *at* a TIME INTERVAL. [EP/ER] Every EEG DATASET ACQUISITION *has for instrument* an EEG EQUIPMENT *at* a TIME INTERVAL.

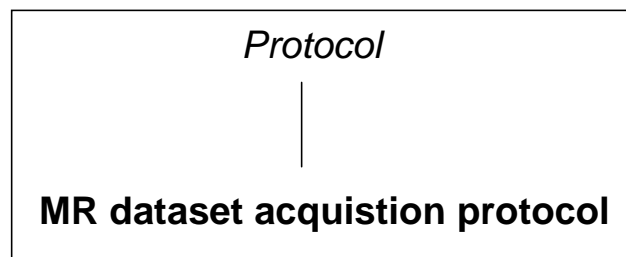
MEG dataset acquisition

Meta-properties

MEG DATASET ACQUISITION is RIGID (+**R**). MEG DATASET ACQUISITION is EXTERNALLY-DEPENDENT (+**D**).

Properties

[EP/SLD] A MEG DATASET ACQUISITION is a DATASET ACQUISITION which *has for result* a MEG DATASET *at* a TIME INTERVAL. [EP/ER] Every MEG DATASET ACQUISITION *has for instrument* a MEG EQUIPMENT *at* a TIME INTERVAL.



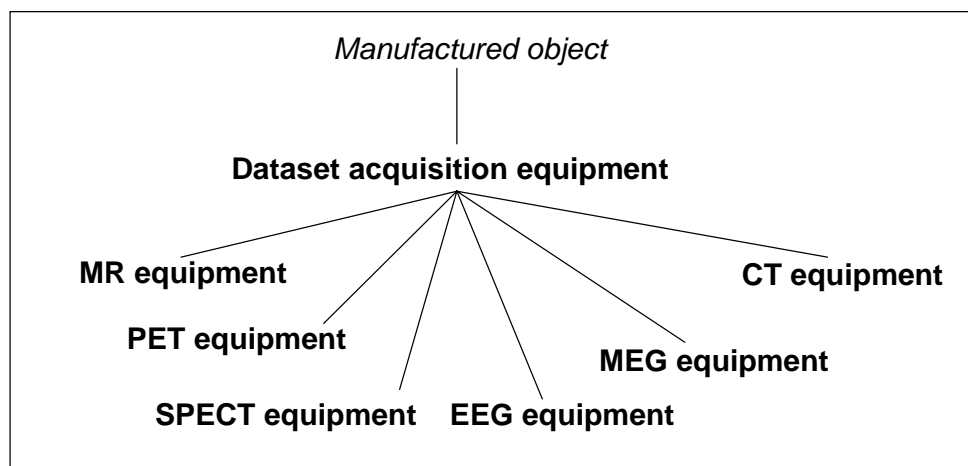
MR dataset acquisition protocol

Meta-properties

MR DATASET ACQUISITION PROTOCOL is RIGID (+**R**). MR DATASET ACQUISITION PROTOCOL is EXTERNALLY-DEPENDENT (+**D**).

Properties

[EP/SL] A MR DATASET ACQUISITION PROTOCOL is a PROTOCOL.



Dataset acquisition equipment

Meta-Properties

DATASET ACQUISITION EQUIPMENT is RIGID (+**R**). DATASET ACQUISITION EQUIPMENT is EXTERNALLY-DEPENDENT (+**D**).

Properties

[EP/SLD] A DATASET ACQUISITION EQUIPMENT is a MANUFACTURED OBJECT which *allows to carry out* a DATASET ACQUISITION. [CP/ER] Every DATASET ACQUISITION EQUIPMENT *has for serial number* exactly one SERIAL NUMBER. [CP/ER] Every DATASET ACQUISITION EQUIPMENT *has for model name* exactly one MODEL NAME.

MR equipment

Meta-Properties

MR EQUIPMENT is RIGID (+**R**). MR EQUIPMENT is EXTERNALLY-DEPENDENT (+**D**).

Properties

[EP/SLD] A MR EQUIPMENT is a DATASET ACQUISITION EQUIPMENT which *allows to carry out* a MR DATASET ACQUISITION.

PET equipment

Meta-Properties

PET EQUIPMENT is RIGID (+**R**). PET EQUIPMENT is EXTERNALLY-DEPENDENT (+**D**).

Properties

[EP/SLD] A PET EQUIPMENT is a DATASET ACQUISITION EQUIPMENT which *allows to carry out* a PET DATASET ACQUISITION.

SPECT equipment

Meta-Properties

PET EQUIPMENT is RIGID (+**R**). PET EQUIPMENT is EXTERNALLY-DEPENDENT (+**D**).

Properties

[EP/SLD] A SPECT EQUIPMENT is a DATASET ACQUISITION EQUIPMENT which *allows to carry out* a SPECT DATASET ACQUISITION.

EEG equipment

Meta-Properties

EEG EQUIPMENT is RIGID (+**R**). EEG EQUIPMENT is EXTERNALLY-DEPENDENT (+**D**).

Properties

[EP/SLD] An EEG EQUIPMENT is a DATASET ACQUISITION EQUIPMENT which *allows to carry out* an EEG DATASET ACQUISITION.

MEG equipment

Meta-Properties

MEG EQUIPMENT is RIGID (+**R**). MEG EQUIPMENT is EXTERNALLY-DEPENDENT (+**D**).

Properties

[EP/SLD] A MEG EQUIPMENT is a DATASET ACQUISITION EQUIPMENT which *allows to carry out* a MEG DATASET ACQUISITION.

CT equipment

Meta-Properties

CT EQUIPMENT is RIGID (+**R**). CT EQUIPMENT is EXTERNALLY-DEPENDENT (+**D**).

Properties

[EP/SLD] A CT EQUIPMENT is a DATASET ACQUISITION EQUIPMENT which *allows to carry out* a CT DATASET ACQUISITION.