

ISO 12967-3:2009-08 (E)

Health informatics - Service architecture - Part 3: Computational viewpoint

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	2
3	Terms and definitions	2
4	Abbreviations	2
5	Methodological principles	2
5.1	General	2
5.2	Clusters of objects	2
5.3	Computational language	3
5.4	The computational objects and interfaces	4
5.5	Interaction	5
6	General characteristics of the model	5
6.1	The two types of computational objects for handling the information	5
6.2	The basic methods	6
6.2.1	General requirement	6
6.2.2	"Add" basic methods	7
6.2.3	"Update" basic methods	8
6.2.4	"Delete" basic methods	10
6.2.5	"Detail" basic methods	11
6.2.6	"List" basic methods	13
6.3	General purpose interface	15
6.3.1	General	15
6.3.2	List of methods	15
6.3.3	Behavioural specifications	16
6.4	The complex interfaces of the workflow related computational objects	16
6.4.1	General	16
6.4.2	Complex services managing healthcare workflows	16
6.4.3	Interfaces supporting the "Subject of care workflow"	16
6.4.4	Interfaces supporting the "Clinical information workflow"	18
6.4.5	Interfaces supporting the "Activity management workflow"	19
6.4.6	Behavioural specifications, common to the complex services	22
6.5	Common requirements of the interfaces	23
6.5.1	Interface documentation and organization	23
6.5.2	Naming criteria	23
6.5.3	Data types	24
6.5.4	Structure and organization of the interfaces	24
Annex A (informative)	Examples of services	25
Bibliography		27