

# DIN EN ISO 12967-3:2011-06 (E)

Health informatics - Service architecture - Part 3: Computational viewpoint (ISO 12967-3:2009); English version EN ISO 12967-3:2011

---

Inhalt	Seite
Foreword .....	3
Introduction.....	4
1 Scope .....	5
2 Normative references .....	5
3 Terms and definitions .....	6
4 Abbreviations.....	6
5 Methodological principles .....	6
5.1 General .....	6
5.2 Clusters of objects .....	6
5.3 Computational language.....	7
5.4 The computational objects and interfaces .....	7
5.5 Interaction .....	9
6 General characteristics of the model .....	10
6.1 The two types of computational objects for handling the information .....	10
6.2 The basic methods .....	10
6.2.1 General requirement .....	10
6.2.2 "Add" basic methods .....	11
6.2.3 "Update" basic methods.....	12
6.2.4 "Delete" basic methods .....	14
6.2.5 "Detail" basic methods .....	16
6.2.6 "List" basic methods .....	17
6.3 General purpose interface .....	19
6.3.1 General .....	19
6.3.2 List of methods.....	19
6.3.3 Behavioural specifications .....	20
6.4 The complex interfaces of the workflow related computational objects.....	21
6.4.1 General .....	21
6.4.2 Complex services managing healthcare workflows .....	21
6.4.3 Interfaces supporting the "Subject of care workflow" .....	21
6.4.4 Interfaces supporting the "Clinical information workflow" .....	23
6.4.5 Interfaces supporting the "Activity management workflow" .....	24
6.4.6 Behavioural specifications, common to the complex services.....	27
6.5 Common requirements of the interfaces .....	28
6.5.1 Interface documentation and organization.....	28
6.5.2 Naming criteria .....	28
6.5.3 Data types .....	29
6.5.4 Structure and organization of the interfaces.....	29
Annex A (informative) Examples of services .....	30
Bibliography.....	32