



## The openEHR Document Roadmap

Editors: $\{T \ Beale, \ S \ Heard\}^1, \ \{D \ Kalra, \ D \ Lloyd\}^2$ 

Revision: 1.7

Pages: 9

© 2003-2006 The openEHR Foundation

## The openEHR foundation

is an independent, non-profit community, facilitating the creation and sharing of health records by consumers and clinicians via open-source, standardsbased implementations.

David Ingram, Professor of Health Informatics, CHIME, University **Founding** 

Chairman College London

**Founding** Dr P Schloeffel, Dr S Heard, Dr D Kalra, D Lloyd, T Beale

**Members** 

email: info@openEHR.org web: http://www.openEHR.org

<sup>1.</sup> Ocean Informatics Australia

<sup>2.</sup> Centre for Health Informatics and Multi-professional Education, University College London

#### **Amendment Record**

Issue	Details	Who	Completed		
RELEASE 1.0					
1.7	Replace content with document roadmap; move previous content to new Architecture Overview document.	T Beale	01 Feb 2006		
1.6	CR-000147. Make DIRECTORY Re-usable CR-000167. Move AOM description package to resource package in Common IM. CR-000185: Improved EVENT model.	T Beale	18 Dec 2005		
1.6	CR-000147. Make DIRECTORY Re-usable CR-000167. Move AOM description package to resource package in Common IM. CR-000185: Improved EVENT model.	T Beale	18 Dec 2005		
1.5.1	Typo corrections.	G Hayworth	19 Apr 2005		
1.5	Rewritten to correspond to most recent modelling structures.	T Beale	12 Feb 2005		
1.4.2	1.4.2 Improved discussion, added content on archetypes. Updated package structure. Added AM package structure.		28 Mar 2003		
1.4.1	Corrected typos and grammatical errors.	D Lloyd	05 Mar 2003		
1.4	1.4 Major update to bring into line with validated RM and AM docs.		28 Feb 2003		
1.3	Minor additions	T Beale	10 Dec 2002		
1.2	Reorganised, new headings, ITS explanation.	T Beale	10 Nov 2002		
1.1	Updated diagrams, text	T Beale	26 Oct 2002		
1.0	Initial Writing	T Beale	11 Oct 2002		

#### **Acknowledgements**

The work reported in this paper has been funded in by The University College, London and Ocean Informatics, Australia.

#### **Table of Contents**

1	Introduction 5
1.1	Purpose5
1.2	Status5
2	Roadmap of openEHR Specifications

Date of Issue: 01 Feb 2006

Date of Issue: 01 Feb 2006

## 1 Introduction

## 1.1 Purpose

This document provides a document roadmap for the *open*EHR specification project. The intended audience includes:

- Health data managers;
- Standards bodies producing health informatics standards;
- Software development organisations using *openEHR*;
- Academic groups using openEHR;
- The open source healthcare community;
- Medical informaticians and clinicians interested in health information.

The overall vision and in particular health system and clinical practice ideals of *openEHR* are described in other documents.

#### 1.2 Status

This document is available at <a href="http://svn.openehr.org/specification/TAGS/Release-1.0/publishing/architecture/roadmap.pdf">http://svn.openehr.org/specification/TAGS/Release-1.0/publishing/architecture/roadmap.pdf</a>.

The latest version of this document can be found at <a href="http://svn.openehr.org/specification/TRUNK/publishing/architecture/roadmap.pdf">http://svn.openehr.org/specification/TRUNK/publishing/architecture/roadmap.pdf</a>.

New versions are announced on openehr-technical@openehr.org.

# 2 Roadmap of openEHR Specifications

The specifications project currently consists of the following deliverables.

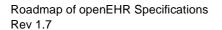
Deliverable	Description
<b>Guide Documents</b>	
• Introducing openEHR	First introduction to the <i>open</i> EHR Foundation and its activities.
Change Management Plan	Technical document describing how versioning, changes, and releases are made. Describes the workflow of the Architectural Review Board (ARB).
Architecture	
Architecture Overview	"Read me 1st" document for the whole architecture. provides a summary of the reference, archetype and service models, and describes global semantics.
Modelling Guide	Describes the use of UML and other related issues in object-oriented modelling.
Document Roadmap	[This document]
Terminology	Documentary form of the <i>open</i> EHR terminology, which is a set of vocabularies and code sets used by the reference and archetype models.
Reference Model	
• EHR IM	The information model of the <i>open</i> EHR EHR
• EHR Extract IM	The information model of the EHR Extract, which is a serilialisation of content from an EHR.
Demographic IM	The <i>open</i> EHR demographic model.
Common IM	Information model containing common concepts, including the archetype-enabling LOCATABLE class, party references, audits and attestations, change control, and authored resources.
Data Structures IM	Information model of data structures, incuding a powerful model of HISTORY and EVENT.
Data Types IM	Information model of data types, including quantities, date/times, plain and coded text, time specification, multimedia and URIs.
Support IM	Support model containing low-level concepts, assumed types, and terminology interface specification used in the rest of the models.
Archetype Model	
• Archetype Definition Language (ADL) 1.3	Syntax specification for archetypes.
	Improved syntax specification for archetypes.
Archetype Object Model (AOM)	Object model of archetypes.
Template Object Model (TOM)	Object model of templates.
• openEHR Archetype Profile (OAP)	openEHR plug-in additions to the generic archetype object model.

Date of Issue: 01 Feb 2006

Deliverable	Description		
Service Model			
Virtual EHR API	API of a client component that provides a virtual EHR interface.		
EHR Service	Service specification for EHR back-end.		
Demographic Service	Service specification for demographic back-end.		
Archetype service	Archetype repository service specification		
Terminology service	Terminology service specification		
Computable Form			
UML expression of models	Expression of <i>open</i> EHR models in tool-based UML; published in XMI format.		
• XML expression of <i>open</i> EHR Terminology	Terminology in computable XML form.		
ITS			
XML-schema	XML-schema expression of the reference model.		
Java ITS guide	Guide to java implementation of <i>openEHR</i> .		

Not all of these are necessarily available in the current release. To see the latest release, refer to the specification project page, at <a href="http://svn.openehr.org/specification/TRUNK/project\_page.htm">http://svn.openehr.org/specification/TRUNK/project\_page.htm</a>.

The latest release of the deliverables described above is at <a href="http://svn.openehr.org/specification/TRUNK/publishing/index.html">http://svn.openehr.org/specification/TRUNK/publishing/index.html</a>.



## END OF DOCUMENT