

# openEHR Specifications Roadmap 2008

The diagram to the right shows which specifications will be created new (bold), and which will be enhanced ('+' symbol). The final column in the table indicates the form in which the specification will appear. The timings are subject to change. The authoritative, detailed version is always available under the [Jira SPEC project](#)<sup>1</sup>.

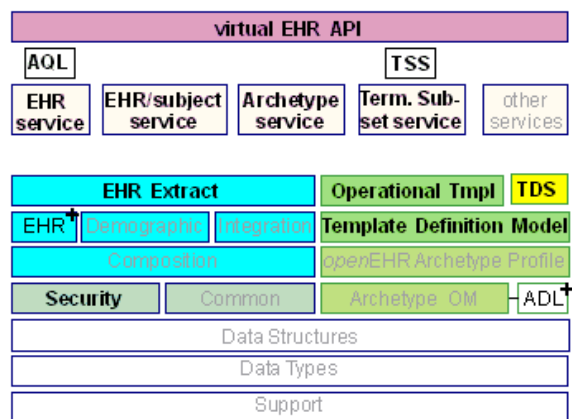
The release programme here is determined by the Architectural Review Board (ARB<sup>2</sup>) in consultation with the community.

AQL = Archetype Query Language

TSS = Terminology Subset Syntax

TDS = Template Data Schema

Draft materials for all the work below will usually appear earlier than indicated, with an associated wiki page.



Specification	Description	Proposed Delivery	Specification Status
<b>The Reference Model</b>			
<b>Access Control Model</b>	The CEN EN13606-4 standard for role-based access control for health information will be added to the <i>openEHR</i> Reference Model in the form of a new <b>Access Control specification</b> . The current release of the RM is already designed to accept a model of access control in a plug-in fashion. This will enable the addition of other models, including more complex non-role-based standards in the future.	Q4 2008	Development
<b>Instruction Index</b>	Additions to the <b>EHR Information Model</b> will describe a simple	Q4 2008 Q1 2009	Development Trial

- <http://www.openehr.org/issues/browse/SPEC>
- daisy:7-OE (The openEHR Architecture Review Board (ARB))

	<p>model of Instruction / Action threads. In EHR data, this allows an Instruction and all Actions that have occurred as a result to be 'threaded' together and seen as a history of order + actions, enabling clinicians to easily see the status of any intervention. Because Actions in <i>openEHR</i> encapsulate a 'state' from the <i>openEHR</i> state machine, the latest Action in any thread gives the current state of the Instruction.</p>		
<b>EHR Extract Information Model</b>	<p>The current draft EHR Extract specification will be evolved to the point of a Trial Specification, and published with an XML-schema.</p>	Q4 2008	Trial
<b>Archetypes and Templates</b>			
<b>ADL 1.5 Specification</b>	<p>The <b>ADL specification will be enhanced</b> to include semantics for defining specialised archetypes as well as templates, both already partially supported by various tools. This will result in the upgrading of the ADL specification to version 1.5.</p>	Q2 2008	Trial
<b>Template Object Model (TOM) Operational Template Model (OTM)</b>	<p>The current very rough draft of a <b>model for Templates will be completed to Trial status</b> in mid 2008, providing a completely open basis (similar to ADL and XML-ADL) for building interoperable tooling around <i>openEHR</i> templates.</p> <p>Along with the</p>	Q3 2008 Q4 2008	Development Trial

	<p>Template Object Model, <b>a model for 'operational templates' is under development</b>, which describes the standalone operational form of a template due to evaluating a Template Definition against the Archetype repository and terminology. Operational Templates are the close-to runtime form of a template, and are also the basis for creating Template Data Schemas (TDSs).</p> <p><a href="#">Wiki home page</a><sup>3</sup></p>		
<b>Template Data Schema Transformation</b>	<p>A standardised transformation for TDSs will commence development as a new specification in mid-2008.</p>	<p>Q3 2008 Q1 2009</p>	<p>Development Trial</p>
<b>Archetype Query Language (AQL)</b>	<p>A <b>specification for AQL</b> will be developed based on proposals from the <i>openEHR</i> community.</p> <p><a href="#">Wiki home page</a><sup>4</sup>.</p>	<p>Q3 2008</p>	<p>Development</p>
<b>Service and Application Interfaces</b>			
<b>vEHR API</b>	<p>The virtual EHR is an application interface that provides access to all back-end services, as well as secure session management, without the application programmer having to know the details.</p>	<p>Q3 2008</p>	<p>Development</p>
<b>EHR Service Model</b>	<p>This service is a coarse-grained model of EHR access, at the level of Compositions and other top-level objects</p>	<p>Q3 2008</p>	<p>Development</p>

3. <http://www.openehr.org/wiki/display/spec/openEHR+Templates+and+Specialised+Archetypes>

4. <http://www.openehr.org/wiki/display/spec/openEHR+Query+Specifications>

	of the EHR. It supports Contribution committal, query-based retrieval and fast index-based retrieval.		
<b>Archetype Service Model</b>	This service provides access to archetypes and templates based on identifier and other attributes.	Q4 2008	Development
<b>Terminology Subset Service</b>	This service provides access to versioned terminology subsets, expressed in the form of dynamic queries against terminologies such as Snomed CT, ICDx etc.	Q1 2009	Development
<b>Subject / EHR Index</b>	This is a simple service providing a cross-reference between subject identifiers and EHR identifiers. It can be used to match a subject based on one or more identifiers, and find EHRs created for them.	Q1 2009	Development