

# Metafor - Services Group

# Sprint 1 Review

<b>Date</b>	09/10/2009	<b>Agenda</b>	1. Sprint backlog review.
<b>Present</b>	GD, HR, BL, MM, F?		2. Product backlog review.
<b>Apologies</b>	RF		3. GO-ESSP review.
<b>Absent</b>	SP, AT		

## Sprint backlog review

Issue	Discuss status (or lack thereof) of milestone 4.2 (oai prototype).
Owner	BL
Status	In Progress
Comment	Leveraging of GeoNetwork to be explored in more detail. An OAI publisher can be a potential solution.
Action	Finalise deliverable 6.1
Owner	HR
Status	In Progress
Comment	Deliverable has been sent to Metafor reviewers for final review prior to delivery.
Action	Activity plan linking metafor and is-enes milestones and deliverables
Owner	SP
Status	In Progress
Comment	SP was emailed & replied that he is addressing this.
Action	Review CIM persistence options.
Owner	MM
Status	Complete
Comment	Exist XML database will be used until further notice. If a relational model is required then a PostGres dB will be implemented.
Action	Consider SOA contract requirements for CIM persistence.
Owner	MM
Status	Complete
Comment	After email discussions with BADC staff then it was decided that until further notice a RESTful (i.e. CRUD) contract will be supported at the CIM instance level. A consequence of this is that CIM fragment management will not be supported.
Action	Progress with CIM2RDF
Owner	AT
Status	In Progress
Comment	Discusion opened with ESG to explore their management of RDF.

Action	Exist database investigation.
Owner	AT
Status	In-Progress
Comment	Usage seems relatively straightforward and API support in-depth. Need to review the HTTP interfaces, in particular REST and ATOM support.
Action	Demonstration of SPARQL work.
Owner	AT
Status	In-Progress
Comment	3 types of search identified: unrestricted; faceted; advanced. Exist & Xquery supports the unrestricted search type. No UI developed for demonstration purposes.
Action	Get upto speed with Django
Owner	GD
Status	Completed
Comment	Has setup development environment & can sucessfully run the questionnaire. Understands basics of Django platform and Django ORM. Will proceed by writing a CIM HTML renderer.

## Product backlog review

Action	Controlled Vocabulary services & governance
Owner	BL
Status	In progress
Comment	Arising from GO-ESSP is a collaboration with Row Lowry. He manages a CV server and is willing to incorporate MF related CV. Need to ensure that it meets requirements, in particular RESTful interface; hierarchical CV's; unique url at the CV item level.
Action	Portal Security - Authentication
Owner	BL
Status	In progress
Comment	This has been reviewed as part of earlier deliverable. Human interfaces: OpenID. Machine interfaces: X509. Will leverage ESG implementation where appropriate.
Action	Portal Security - Authorization
Owner	BL
Status	In progress
Comment	This has been reviewed as part of earlier deliverable. Apparently no requirements beyond authentication.
Action	Instance Management service contracts
Owner	MM
Status	In progress

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Comment	Agreed to support as simple a contract as possible, i.e. document level and not fragment level.
Action	Instance Management service implementation
Owner	MM
Status	In progress
Comment	Agreed to initially support RESTful interface at the CIM document level. This may be exposed via eXist HTTP interface support. Allyn to be asked to investigate further.
Action	Faceted Query service contracts
Owner	AT
Status	In progress
Comment	Need to determine HTTP GET operation parameters, how they are parsed, how they map to the SPARQL query, and what is the data structure returned.
Action	Faceted Query service implementation
Owner	AT
Status	In progress
Comment	Incoming parameters are passed to a SPARQL engine implemented by the Sesame triple store engine. Population of triple store via generation of RDF from XML – this has to be prototyped.

## GO-ESSP review

Subject	Controlled Vocabulary services & governance
Comment	See above comments.
Subject	Metafor delivery timeframes
Comment	These have tightened considerably both in respect of the questionnaire and in respect of services and applications.
Subject	WP3 – CIM population & testing
Comment	Informal discussions with University of Cantabria (UoC). Scope of collaboration to be confirmed with Eric including funding possibilities. Identified potential automatic population data sources, i.e. ESG, OASIS, Namelists. Identified use case for faceted search from UoC applications.
Subject	Metafor / ESG integration
Comment	Bryan had discussion regarding leverage of ESG OAI publishing capabilities.