

ICAN Prototype Tasks 2008-09

Updated 06/11/2008

Prototype 1	end of Dec 2008
Prototype 1.1 (new design of P1)	
Prototype 2	

Task Number	Goal	Who	End Date	Status
Web Portal:				
1	Content Management System Development (initially with Drupal: see Dawn's site structure notes and task notes)	Dawn, Liz, Kathrin, Simon, Tim, Laurent, Tanya, Alessandro, Luis	Nov 2008	Dawn to launch Nov 8. Rest to fill in pages.
Technology:				
2	Resolve geographic search bug	YL	Oct 2008	YL addressing in 1.1 development
3	Resolve OCA metadata search bug	YL/TH/DD	Oct 2008	YL to test TH's temp. solution; to be fixed in P2
4	Manual insertion methods used currently with MIDA. Need to streamline metadata database population/ingestion	TH/KK/DD	Nov/Dec 2008	CMRC redesigning MD DB; TH has batch export solution for ArcCatalog
5	Improve management of errors to make functionality more robust / exception handling	YL/DD	Nov 2008?	
6	Discussion: What do we see prototype 3 looking like? WFS?	All	Nov 2008	To be discussed in Nov 20 call
7	Evaluate architecture of other projects for potential incorporation/synergy, including InterRisk and ISDE	DD/YL	Mar 2009	
8	Smart search: including ability to search local terms as well as global terms, free text search, possibility of doing secondary search (on abstract); Specify / select local atlases from prototype page		Mar 2009	
9	WMS (thumbnail with each metadata record; add to map option; one large map to show integration within regions)		Mar 2009	
10	Scope and test WFS implementation		May 2009	
Interface:				
11	Nest search terms -- Need to replace terms with labels	YL	Mar 2008	
12	"No results" statement if search empty	YL	Mar 2008	
13	Links to OWLs	YL	Oct 2008	To be done in P1.1
14	Link to ICAN tech page on atlas	YL	Oct 2008	To be done in P1.1
15	Paragraphs explaining the prototype - on splash page	LOD	Oct 2008	To be done in P1.1
16	Map of atlas network to activate specific atlases		Mar 2008	

17	Implement bugzilla -- handles more than bugs themselves.		Mar 2008	
Ontologies:				
18	Decide about adding admin boundaries to global and local ontologies. Determine if VLIZ/Simon has coastal erosion data to use instead.	KK, TH, SC	Dec 2008	Decided to add. Will discuss in Dec call. Simon to research available erosion data
19	Need to separate mapping from local ontologies -- so 3 ontologies: global, local and mapping.	YL	Dec 2008	
20	Research whether ontologies should be RDF or OWL. Need to see how GeoNetwork works	YL	Dec 2008	
21	Review ontology thematic content -- how far do we want to take it? What's required to incorporate new use cases? How to do quality control, registry? Refine ontology -- have a forum		Dec 2008	
22	Agree on definitions of superterms	TH	Dec 2008	
23	If we create our own list of vocabulary, could we submit it to SeaDataNet or MMI?		Dec 2008	
Documentation:				
24	Ontology work documentation (choosing ontology and setting up global ontology; steps taken by local atlases to prepare local ontologies; mapping local ontologies to global; ...)	TH/LOD/YL/LB	Dec 2008	To be added to web portal; determine connection with handbook
25	Cookbook for new members (Explanation of use case, prototype project purpose and future aims; Outline guidelines regarding necessary metadata; Guidelines and best practices for implementing services [CSW/WMS/WFS])	TH/LOD/YL/DD/KK	Dec 2008	TH to send initial outline and content; then open for input
26	Technology development documentation (How the prototype got to this stage; GeoNetwork steps taken with portal and local atlases; issues like metadata database duplication; ...) --> To be merged with cookbook	YL/TH/DD	Dec 2008	To be added to web portal; determine connection with handbook
27	Recommendations for next phase (how can we streamline? Can we eliminate duplication of metadata databases? How do we accommodate new members? Considerations on scalability [themes and atlases]? Ontology development?)	TH/LOD/YL/DD/KK	Jan 2009	
28	What are the benefits of plugging into ICAN? Benefits of semantic interoperability? How do they connect?	DW	Nov 2008	
Misc.:				
29	Regular Skype calls	LOD to oversee	3rd Wed/mo.	ongoing
30	Talk to GeoNetwork folks (Paula Carerra [IT] who develops cookbooks; Joeren Titchnor -- key GeoNetwork person who recently left)	YL to contact Joeren	Dec 2008	?
31	Explore student project opportunities			CMRC researching
32	Determine when new atlas members will join in discussions		Mar 2009?	