Preliminary Training Schedule

iiRDS training 2025

Trainer	Markus Kronfellner	markus.kronfellner@ninefeb.com
Admin	Susanne Lohmüller	s.lohmueller@tekom.org

Module	Lesson/Activity	Didactic Means	Duration of live session (hrs)	Estimated study time (hrs)	Date	Time (CEST)
Kickoff	Explanation of the Course topics and How-to do it	**Webmeeting**	1,00	1,00	April 28	tbc
	Intro Course Topics 1-6	**Webmeeting**	1,00	1,00	April 28	tbc
	Learning Objectives per Topic	**Webmeeting**	0,50	0,50	April 30	tbc
	Concepts used	Self-study		1,50	April 28–30	
	How to use the Protégé editor	**Webmeeting** + handout	1,00	1,00	April 30	tbc
	Using the Protégé editor	Exercise		1,00	April 30	
Learning hours			**3,50**	**6,00**		
Learning objectives						
	Overview of the Course, How to do the Course, Intro into Blended Learning					
	How to use the Protégé editor?					
Topic 1 Introduction to smart content and iiRDS						
	Lesson: Introduction to smart content	Self-study		0,50	May 1–5	
	Lesson: Taxonomies, Knowledge Graphs, SKOS, RDF, Ontologies, OWL etc.	Self-study		1,50		
	Lesson: Use cases and scope of iiRDS	Self-study		1,00		
	Exercise: Smart content and scope	Exercise		1,00		
	Exercise: Describe your smart content use cases	Exercise		0,50		
	Hour of Power; ask your questions, present your exercise results	**Webmeeting**	2,00	2,00	May 5	tbc
Learning hours			**2,00**	**6,50**		
Learning objectives						
	What is iiRDS?					
	Where can I use iiRDS?					
Topic 2 The metadata model of iiRDS						
	Lesson: iiRDS uses RDF	Self-study		0,75	May 6–12	
	Lesson: Metadata of iiRDS, overview	Self-study		0,50		
	Lesson: Metadata of iiRDS - Information units, directories, and renditions	Self-study		0,50		
	Exercise: Information units, etc.	Exercise		0,50		
	Lesson: Metadata of iiRDS - information types	Self-study		0,50		
	Exercise: Information types	Exercise		0,50		
	Lesson: Metadata of iiRDS - functional metadata	Self-study		0,50		
	Exercise: functional metadata	Exercise		0,50		
	Lesson: Metadata of iiRDS - product metadata	Self-study		0,50		
	Exercise: product metadata	Exercise		0,50		
	Lesson: Metadata of iiRDS - administrative metadata	Self-study		0,50		
	Exercise: administrative metadata	Exercise		0,50		
	Meeting: use cases and iiRDS metadata	**Webmeeting**	2,00	2,00	May 12	tbc
Learning hours			**2,00**	**8,25**		
Learning objectives						
	Which types of metadata are in iiRDS? What do they mean?					
	How do I define the metadata? Which metadata do I take for which data?					
Topic 3 The iiRDS package format						
	Lesson: The iiRDS package format	Self-study		1,00	May 13–19	
	Lesson: iiRDS variants	Self-study		0,50		
	Exercise: package format and variants	Exercise		0,25		
	Hour of Power: Exercise result discussion	**Webmeeting**	1,50	1,50	May 19	tbc
Learning hours			**1,50**	**3,25**		
Learning objectives						
	How is iiRDS transferred? What is an iiRDS package? Which parts are there?					
	What are iiRDS variants?					

Module	Lesson/Activity	Didactic Means	Duration of live session (hrs)	Estimated study time (hrs)	Date	Time (CEST)
Topic 4 iiRDS and other standards						
	Lesson: Standards related to iiRDS	Self-study		0,75	May 20–26	
	Lesson: External Classification and iiRDS	Self-study		0,50		
	Lesson: eClass and iiRDS	Self-study		1,00		
	Lesson: iiRDS and latest Developments with VDI 2770	Self-study		1,00		
	Lesson: iiRDS, IDTA, Submodel Handover documentation, Submodel Intelligent Information for Use	Self-study		1,00		
	Lesson: Connecting SKOS and iiRDS	Self-study		1,00		
	Exercise: Use an External Classification to connect iiRDS metadata	Exercise		0,50		
	Exercise: edit the AAS Submodel Intelligent Information for Use with detailed data	Exercise		0,50		
	Hour of Power: Exercise result discussion	**Webmeeting**	1,50	1,50	May 26	tbc
Learning hours			**1,50**	**7,75**		
Learning objectives						
	Classification and iiRDS					
	How does iiRDS relate to other standards?					
Topic 5 Toolchain and systems for iiRDS						
	Lesson: Toolchain and systems in the iiRDS process	Self-study		0,75	May 27 to June 2	
	Lesson: Best practices for authoring smart content	Self-study		0,50		
	Lesson: Generating and using smart content	Self-study		0,50		
	Lesson: The iiRDS Validation Tool interactive Walk-through	Self-study		2,00		
	Exercise: The iiRDS Validation Tool	Exercise		0,50		
	Lesson: The iiRDS Plugin for DITA-OT	Self-study		1,00		
	Exercise: The iiRDS Plugin for DITA-OT	Exercise		1,00		
	Lesson: The iiRDS Request API	Self-study		1,00		
	Hour of Power: package format, related standards, the iiRDS process, Validation Tool, DITA-OT Plugin, Request API	**Webmeeting** + excercise discussion	1,50	1,50	June 2	tbc
Learning hours			**1,50**	**8,75**		
Learning objectives						
	What tools may I use for generating iiRDS package and validating them?					
	How can I generate iiRDS metadata out of DITA?					
	How can I connect search applications via the iiRDS Request API in order to use the iiRDS metadata?					
Topic 6 iiRDS in companies						
	Lesson: content delivery scenarios and metadata, usage scenarios, use cases	Self-study		0,50	June 3–11	
	Lesson: Deriving Metadata from content delivery scenarios	Self-study		2,00		
	Lesson: Extension mechanisms of iiRDS	Self-study		0,50		
	Custom instances and sublasses within iiRDS class hierarchy, mapping external ontologies	**Webmeeting**	1,00	1,00	June 11	tbc
	Assignment: Develop your own iiRDS model, follow and document steps of process model	Exercise		1,50	June 12–16	
	Knowledge Check	Self-study; Questionnaire		1,00		
	Last Hour of Power: raise your unmet questions and issues	**Webmeeting**	2,00	2,00	June 16	tbc
	Assignment presentations, Wrap-up and feedback for assignment	**Webmeeting**	2,00	2,00	June 18	tbc
Learning hours			**5,00**	**10,50**		
Learning objectives						
	How do I use iiRDS in real life scenarios?					
	How can I map external ontologies to iiRDS?		live lessons	study time		
Overall Learning hours (estimate)			**17,00**	**51,00**		