

# Preliminary Training Schedule

iiRDS training 2025



Trainer Markus Kronfellner  
Admin Susanne Lohmüller

markus.kronfellner@ninefeb.com  
s.lohmuller@tekomp.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	<b>Webmeeting</b>	1,00	1,00	April 28	16:00
	Intro Course Topics 1-6	<b>Webmeeting</b>	1,00	1,00	April 28	17:00
	Learning Objectives per Topic	<b>Webmeeting</b>	0,50	0,50	April 30	16:00
	Concepts used	Self-study		1,50	April 28–30	
	How to use the Protégé editor	<b>Webmeeting + handout</b>	1,00	1,00	April 30	16:30
	Using the Protégé editor	Exercise		1,00	April 30	
<b>Learning hours</b>			<b>3,50</b>	<b>6,00</b>		
<b>Learning objectives</b>						
Overview of the Course, How to do the Course, Intro into Blended Learning						
How to use the Protégé editor?						
<b>Topic 1 Introduction to smart content and iiRDS</b>						
	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	<b>Webmeeting</b>	2,00	2,00	May 5	16:00
<b>Learning hours</b>			<b>2,00</b>	<b>6,50</b>		
<b>Learning objectives</b>						
What is iiRDS?						
Where can I use iiRDS?						
<b>Topic 2 The metadata model of iiRDS</b>						
	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	<b>Webmeeting</b>	2,00	2,00		
	<b>Learning hours</b>			<b>2,00</b>	<b>8,25</b>	
<b>Learning objectives</b>						
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?						
<b>Topic 3 The iiRDS package format</b>						
	Lesson: The iiRDS package format	Self-study		1,00	May 13–19	
	Lesson: iiRDS variants	Self-study		0,50		
	<b>Exercise: package format and variants</b>	Exercise		0,25		
	Hour of Power: Exercise result discussion	<b>Webmeeting</b>	1,50	1,50	May 19	16:00
<b>Learning hours</b>			<b>1,50</b>	<b>3,25</b>		
<b>Learning objectives</b>						
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)
<b>Topic 4 iiRDS and other standards</b>						
	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	<b>Webmeeting</b>	1,50	1,50	May 26	0,67
<b>Learning hours</b>			<b>1,50</b>	<b>7,75</b>		
<b>Learning objectives</b>						
Classification and iiRDS						
How does iiRDS relate to other standards?						
<b>Topic 5 Toolchain and systems for iiRDS</b>						
	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		
	<b>Hour of Power:</b> package format, related standards, the iiRDS process, Validation Tool, DITA-OT Plugin, Request API	<b>Webmeeting +</b> exercise discussion	1,50	1,50	June 2	16:00
<b>Learning hours</b>			<b>1,50</b>	<b>8,75</b>		
<b>Learning objectives</b>						
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?						
<b>Topic 6 iiRDS in companies</b>						
	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 subclasses within iiRDS class hierarchy, mapping external ontologies	<b>Webmeeting</b>	1,00	1,00	June 11	16:00
	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	<b>Webmeeting</b>	2,00	2,00	June 16	16:00
	Assignment presentations, Wrap-up and feedback for assignment	<b>Webmeeting</b>	2,00	2,00	June 18	16:00
<b>Learning hours</b>			<b>5,00</b>	<b>10,50</b>		
<b>Learning objectives</b>						
How do I use iiRDS in real life scenarios?						
How can I map external ontologies to iiRDS?						
			<b>live lessons</b>	<b>study time</b>		
<b>Overall Learning hours (estimate)</b>			<b>17,00</b>	<b>51,00</b>		