



OKKAM – Enabling a Web Of Entities
Grant Agreement No. 215032

D13.1: Training Material

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1	29/5/2010	Draft	Stefano Bortoli (UNITN)	Initial version
2	18/6/2010	Draft	Paolo Bouquet (UNITN)	Structure of the document revised
3	16/7/2010	Pre-final	Stefano Bortoli (UNITN)	New section added and update links to documentation
4	21/7/2010	Final	Stefano Bortoli (UNITN)	Consistency check and harmonization of the document.

Executive Summary

This document reports about training material produced by the members of the Okkam Consortium. The training material generally consists in web accessible presentation slides, tutorials and video presentations focused on providing generic and more detailed description of the Entity Name System and its use. Below you can find a sample list of the areas and the type of training material produced at the time this document was edited.

An introduction to Okkam

A brief introduction to the concept, vision and motivation behind the Okkam project:

- Introduction to Okkam: slides
- Video presentation of Professor Paolo Bouquet gives a brief introduction to the Okkam project
- Video presentation of Dr John J O'Flaherty gives an overview of the Entity Name System, its components and use

Benefits of the adoption of entity-centric approach

A presentation of the benefits coming from an extensive adoption of the entity-centric approach, the role of the Entity Name System and some example and showcase can be found at the following sources:

- What is the benefit? Slides. These slides present a description of some of the use cases and scenarios in which the entity-centric approach can provide clear advantages in terms of information integration and development of sophisticated and innovative applications.

How does the ENS work?

A presentation of the details underlying the Entity Name System:

- How does it work? slides. This tutorial presents some information about the architecture of the Entity Name System, the administration tools and the okkamization process
- Video presentation about the Entity Management kit
- A tutorial about how to use the EnsWebToolkit for creation, edit and merge of entities

The ENS for Developers

In order to support developers in defining applications integrating the services provided by the Entity Name System, a set of training material about how to deal with development details was defined:

- An introduction to the Java API to access the ENS Web Service
- An introduction about the architecture of the security in the ENS
- An introduction about how to access RESTFull APIs of the ENS
- The Java API documentation ([javadoc](#))

The Okkamization process

Okkamization is the process leading to the annotation of pieces of knowledge with entity identifiers such that the references to entities are explicit and unambiguous. In the context of the Okkam project several tools were developed with the aim of supporting users in okkamizing heterogeneous and diverse types of knowledge. An important part of the training material regarding the publication of the Okkamized data can be found in the ‘How to Publish Okkamized Data on the Web’ tutorial accessible at <http://community.okkam.org/index.php/Documentation/Tutorials/okkamized-data-howto.html> . If you are interested in details about the okkamization process you can find useful information at the following sources:

- The Okkamization process, slides
- A practical example explaining how to Okkamize a web portal
- Video presentation about the Okkamization process
- Video presentation of the Neon plugin
- Video presentation of the Protege3 plugin
- Video presentation of the Protege4 plugin

How can I use Okkamized data in my organization?

A systematic okkamization of data within an organization opens new perspective about the way data can be searched and consumed within the organization itself. If you are interested in the way Okkamized data can be used in an organizational context you can find useful information at the following sources:

- Entity-centric search and information integration: slides
- Video presentation of Dr. Heiko Stoermer gives an introduction to how one can consume Okkamized content
- Video presentation about how to use Sig.ma to create on-the-fly mashup of distributed information

D13.1 is a live document which is continuously evolving integrating new training material. To access the last up-to-date version including the multimedia documents composing the training material dataset, please refer to the web page of the Okkam Community Portal: <http://community.okkam.org/index.php/Documentation/Tutorials/traning-material.html>