

TERENA OER Metadata Application Profile

Element	Data provider	Aggregator	TERENA OER portal	Vocabulary/Standard
General.ID	R	M (automatically generated)	M	-
General.Title	M	M	M	-
General.Description	M	M	M	-
General.Lang (LO)	M	M	M	- LOM or LRE thesauri "170 Modern Languages" - use a 2 letter code from ISO 639-1
General.Keyword	R	R	R	-
Lang (metadata)	R	M (automatically generated)	M	- LOM or LRE thesauri "170 Modern Languages" - use a 2 letter code from ISO 639-1
Technical.Location (url of the actual learning object)	M	M	M	-
Role/Creator	R	R	R	VCARD
Learning.Resource.Type	R	R	R	LOM
Rights	R	M	M	CC (tbd)
Media format	R	R	M (tbd)	LOM
Subject	R	R (automatically generated with a tagger)	R	tbd

The analysis of the proposed metadata schema is presented for three different levels, namely data providers, metadata aggregator and TERENA OER portal. This is due to the fact that there are different requirements in terms of metadata elements at this three levels. For instance language of the metadata is not mandatory for the data provider but it is for the portal in order to show the correct language of the title when the user is using the interface in a specific language.

As one can see from the above table the proposed AP includes only 4 mandatory elements and 7 recommended elements for the data providers. The mandatory elements at the level of the OER aggregator and portal are 7.

All the rest IEEE LOM elements are optional.

Proposed facets/filters

Based on this metadata scheme we can have the following filters for the advanced/faceted search of the content:

- Provider
- Language of OER
- Media format
- Learning resource type

Note: We need to define criteria for the selection of most dominant Data Providers for the first version of TERENA OER service

- Include at least the M and R elements
- Quality of the content
- Media type
- Rights
- Subject
- Accessibility (OAI for regular updates of the content)