

SCORM

SCORM – “**Shareable Content Object Reference Model**” - is a collection of technical specifications which allows to coherently produce, store, search and use instructional resources for distance learning.

SCORM comprises metadata's semantics and syntax, specifications on learning objects' packaging and interface with the LMS (Learning Management System).

Metadata are a minimal whole of attributes necessary to describe learning objects in order to manage and localize them. In fact, the tendency to fragmentation in self-consistent portions of content, has led to the **re-usability** of the same learning objects, also in different instructional courses and paths and to the accomplishment of repositories in which, if needed, it is possible to search instructional materials. Metadata make easier the localization of the more suitable materials, through the description of learning object's title, author, intellectual property, distribution rules, format etc.

The specification about packaging, instead, concern the way in which contents are aggregated and, in particular, the editing of a XML file, which describes the package of the realized digital material.

The interface between each learning object and the learning environment is assured by the specifications for the start, communication and traceability.

SCORM has its core in the **interoperability** of learning objects. That is, it allows digital contents to be moved over different compatible platforms without losing their own functionality.