

# SCORM authoring tools and Claroline

Reload, Docyrus  
and eXe-Learning

# SCORM, what is it?

- Sharable Content Object Reference Model
- ADL (Advanced Distributed Learning  
[www.adlnet.org](http://www.adlnet.org))
  - > Made by and for the american army training courses.

# SCORM contents

- SCORM package is a set of SCO (Sharable Content Object).
- A SCORM package contains at least one SCO, and is typically a zipped file.
- The zipped file must contains a specific xml file : ***imsmanifest.xml***
  - ***more info to create manually a package :***  
***[http://http://www.claroline.net/doc/en/index.php/How\\_do\\_I\\_create\\_SCORM\\_content%3F](http://http://www.claroline.net/doc/en/index.php/How_do_I_create_SCORM_content%3F)***

# SCORM dialog

- Contents and Platforms can “dialog” together :
  - save user progression information
  - report scores
  - temporary information
  - ...
- Dialog is done through standardized variables and functions of the DOM of the web browser.

# SCORM, limitations

- Limitation :
  - Concerns only content aggregation, and permits dialog with LMS :
    - focus on self-learning only, not interaction between people
  - Many versions, time consuming to support each of them!
    - No backward or forward compatibility for your contents
    - Not easy for LMS side to support each version of the norm.
  - Confusing definition of used taxonomy --> different interpretation possible for tool developers..

# Claroline and SCORM

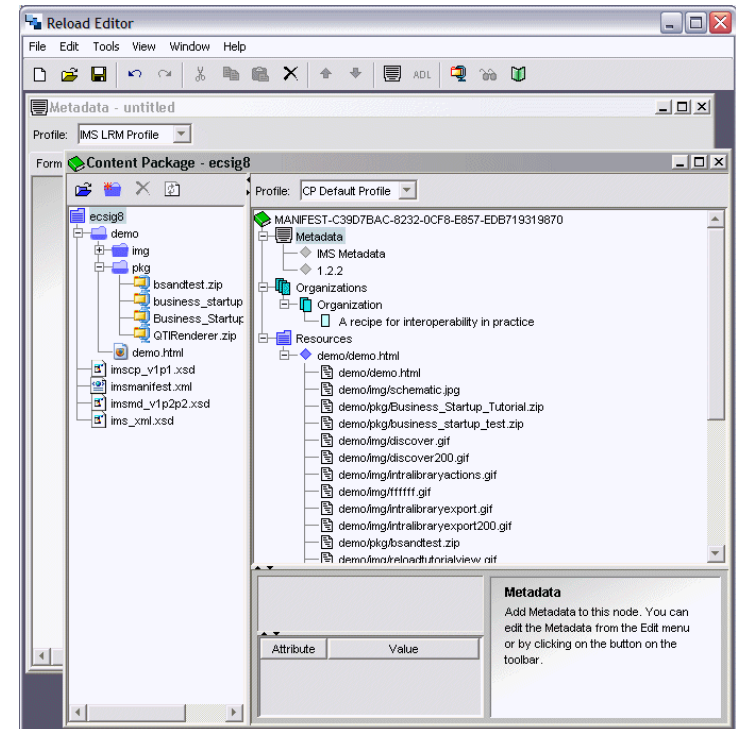
- Support of SCORM 1.2 (and some of 2004)
- Import and export of learning paths
- SCORM use in Claroline goes through the learning path tool..
  - Demo of importation of a SCORM package

# Some free SCORM authoring tools

- Reload editor (<http://www.reload.co.uk>)
- eXe-learning (<http://exelearning.org>)
- Docyrus (<http://www.docyrus.net>)

# Reload editor

- organise, aggregate and package learning objects in standard IMS and SCORM content packages
- Its goal : to be as close as possible to SCORM specifications
  - > not really easy for end users



# eXe-learning

- Demo of exported content made with eXe-Learning in Claroline

# Docyrus

- Demo of exported content with Docyrus in Claroline