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Objective:
Presenting the features and capabilities of the eRubric created in research projects

1. Presentation and summary

2. Research Group Technologies applied to education -Gtea-: Two projects underway

3.- Educational innovation versus technology innovation

4.- Technological Models Federated

5. GTEA Federated eRubric: a new concept. Definition and modalities of assessment

6. Main elements of the rubric: Competences, Indicators and evidences, criteria

7. What are the didactic and pedagogical implications in the training process with the rubric?

8. The Tool’s Features

9. Connection and access: who uses it in 1 month?
(I) International project to develop federated environments in distance education (SINED–UMA), 2011–12.
http://www.sined.mx

(II) Federated e–rubric service to assess university learning (McyT, I+D+i) 2010–12
http://erubrica.org
(Federated eRubric) The Tool

3.- Educational innovation versus technology innovation

a) Educational Innovation: A new pedagogical design of erubric

Traditional erubric

New erubric -Gtea- Spain

New erubric -Sined- México
The collating of proof of learning by students and the subsequent evaluation does not have to follow a pre-established order such as the box-based design in the traditional eRubric.
b) Innovation technology: A new model of technological support

- The platform is the internet
- Personal Learning Environment -PLE-
- New Communities of Practice model -CoP-
(Federated eRubric) The Tool
6.- Technological Models Federated

Málaga University Federated System

Gtea Federated System

Tool - Feide-Norway

Córdoba University

SIR RedIRIS identity system

Others Universities of Spain

U. Vigo
U. Granada
U. Huelva
U. Jaén, etc
Gtea Federated eRubric: a new concept

**Pedagogy**

**Definition.** Is a tool used to assess competences following scaled criteria thus allowing for different modalities of assessment:

- Self-assessment,
- Peer-to-peer assessment,
- Teacher’s assessment by students
- and Group assessment;

all of which can be anonymous.

**Technology**

Access and Identity **Federation Technologies**: The teachers are able to choose the e-rubric from a list of possible tools, which either belong to their institution or to another institution within the federated system and are distributed via the Internet.

http://gteavirtual.org/rubric
How is the reflection using erubic?

Reflection <--- Evaluation
9. What are the didactic and pedagogical implications in the training process with the rubric?
10. The Tool’s Features

- More immediacy in the process of teacher-student communication.

- Easy editing. The teacher is able to create a new rubric, delete an existing one, cut, copy (and paste, if there is some rubric actually copied to clipboard).

- It facilitates student grouping and group assessment.

- The rubric can be exported in pdf; while the results of the assessment can be exported in excel for the subsequent statistical analysis.
- More knowledge and quickly by the teacher to detect elusive skills -with red- in a group of students.

- Easy for students to display their state of competence ....

- It facilitates student grouping and group assessment.
10. The Tool’s Features

- It is interoperable with any other tool, platform or system within the institution.

- It allows for the design of competences and their proof of learning by using relative proportions.

- Different criteria can be used and expressed either in numbers or in qualitative expressions.

- More speed and automation in the evaluation
10. The Tool’s Features

- Different teachers can assess the same group of students and each one can assess different competences.

- The teacher can follow students’ achievements and learning difficulties using two different approaches:
  
a) by clicking on a proof of learning the teacher has an overview of which students in the class group have achieved it or not; and

  b) by clicking on a student’s name the teacher can see all the competences s/he has achieved so far.

- It has been translated into the different languages within the Spanish territory (Galician, Basque...) as well as into foreign languages (Swedish, English, French...).
11. Connection and access: who uses it in First month?

- Through the federated system **Gtea**. Not a member of Rediris
- Through the federated system **RedIRIS** -SIR- where they are connected:
- 51 affiliated center
- 434 institutions (universities, research centers ...)

![Gtea](image1)

![Map](image2)
Thank for your attention

Do you want to get into some example of erúbric of my subjects?