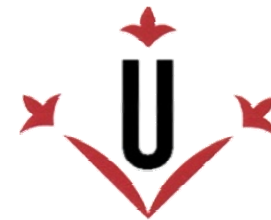




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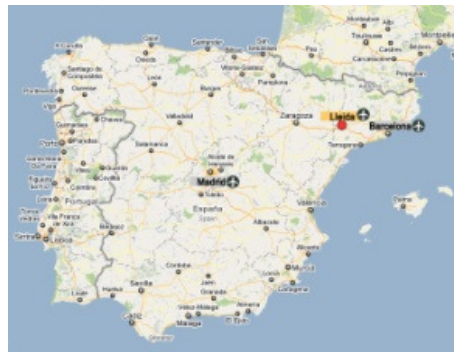
# The Guide to Accessible Digital Content

Afra Pascual, Mireia Ribera, Miquel Térmens, Llúcia Masip, Toni Granollers, José Luís González, Marina Salse, Jorge Franganillo, **Bruno Splendiani**

ULD Conference 2011 - 10/02/2011

# Presentation of Research Group

- ▶ LIS Department – University of Barcelona (Spain)
- ▶ GRIHO Group – University of Lleida (Spain)



# Outline

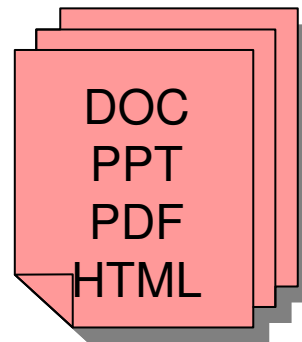
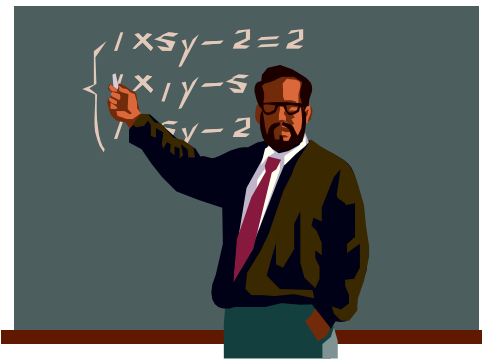
- ▶ Basic concepts
- ▶ Issue
- ▶ Proposal
  - The *Guide* to Accessible Digital Content
  - The Templates
- ▶ Future work and Conclusions

## Basic concepts (Background)

- ▶ Digital documents **Accessibility: a general benefit for everybody**
- ▶ Every **educational institution** must ensure **access to the information** for all **students**
- ▶ **Goal: Promote equal opportunities / full integration** into university academic life

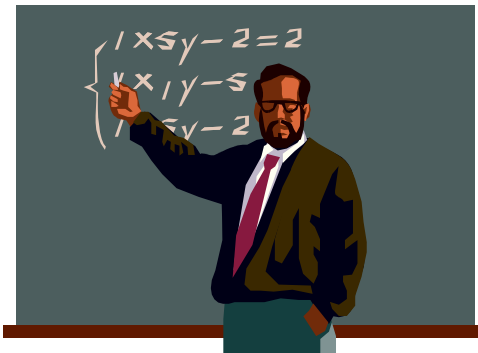
## Issue (before)

- ▶ **Teachers** create digital documents **without following accessibility guidelines & without accessible models**
- ▶ **Students cannot access** the contents



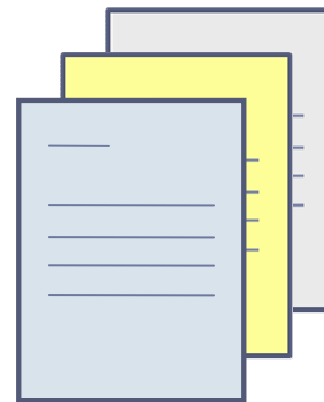
## Issue (after)

- ▶ When **teachers know guidelines** to implement accessible documents and they have **accessible models**
- ▶ Students **can access** the contents



# Proposal

- ▶ ***The Guide***: A set of 13 guides for creating Accessible Digital Contents
- ▶ **Templates**: for every type of teaching document



templates



## Proposal – *The Guide* (Objectives)

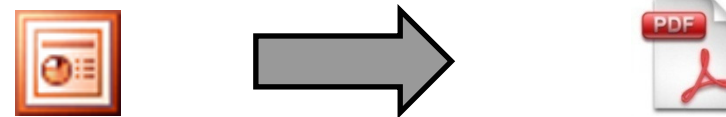
- ▶ The *Guide* to Accessible Digital Content intends to:
  - **Give support** to digital content editors
  - **Give** step by step **information** on how to structure, format and create accessible digital documents

# Proposal – *The Guide* (Structure)

▶ Text documents



▶ Slideshows



▶ PDF Documents



▶ Content Editing Tools



## Proposal – Templates (Objectives)

- ▶ The Templates intend to:
  - Give **guidelines** on the recommended structures of every teaching documents
  - Set a model on the **semantic markup** of each type of element (lists, images, headers,...)
  - Make the creation of **alternative versions** easier by the use of macros

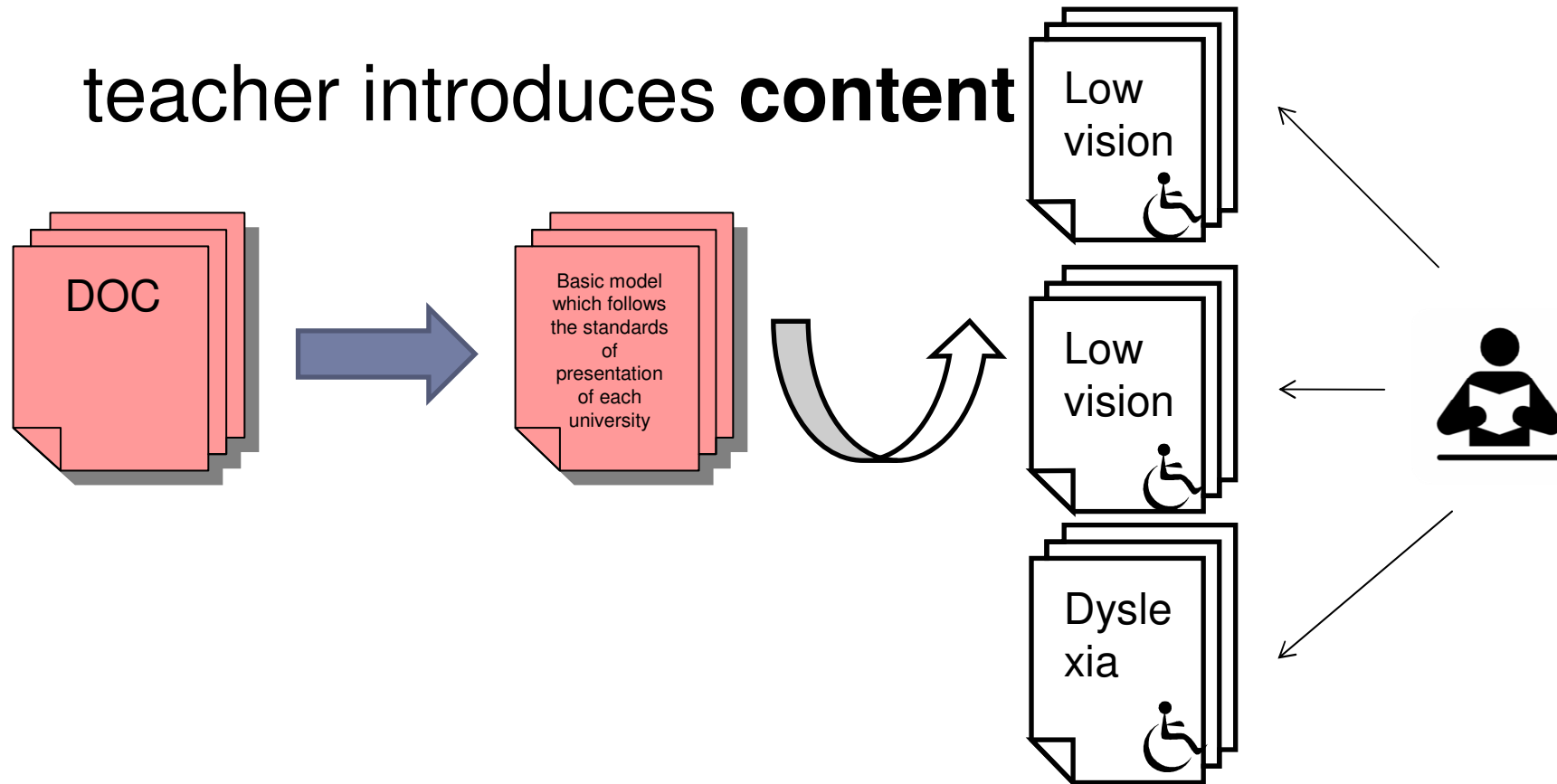
## Proposal – Templates (Process)

Steps for creating alternative versions of accessible document:

- ▶ Step 1. Original **template**
- ▶ Step 2. Teacher introduces **content**
- ▶ Step 3. **Alternative versions** are created
- ▶ Step 4. Student chooses **adapted version**

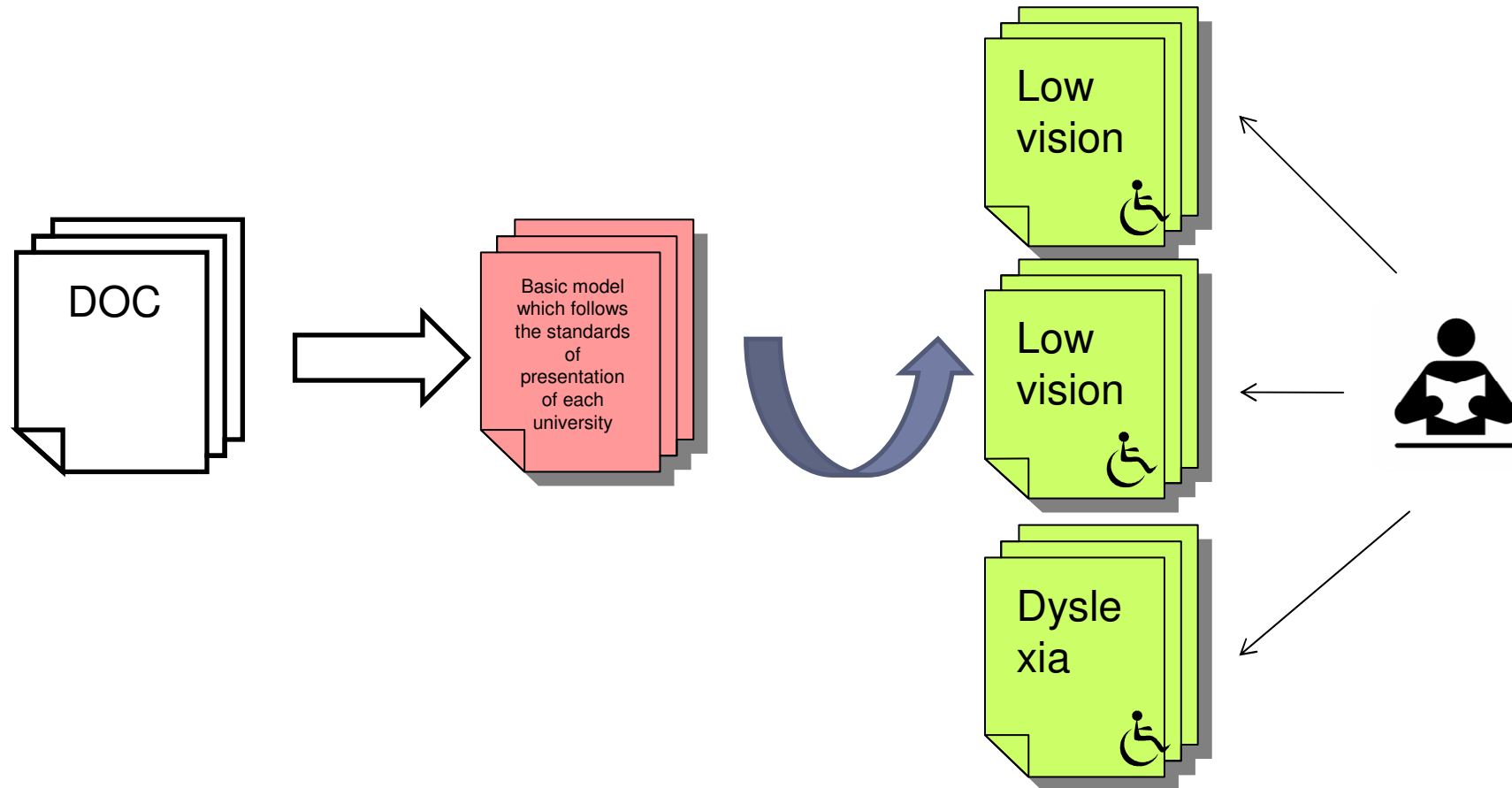
# Proposal – Templates (Step 1-2)

- ▶ Step 1/2. From the **original template** teacher introduces **content**



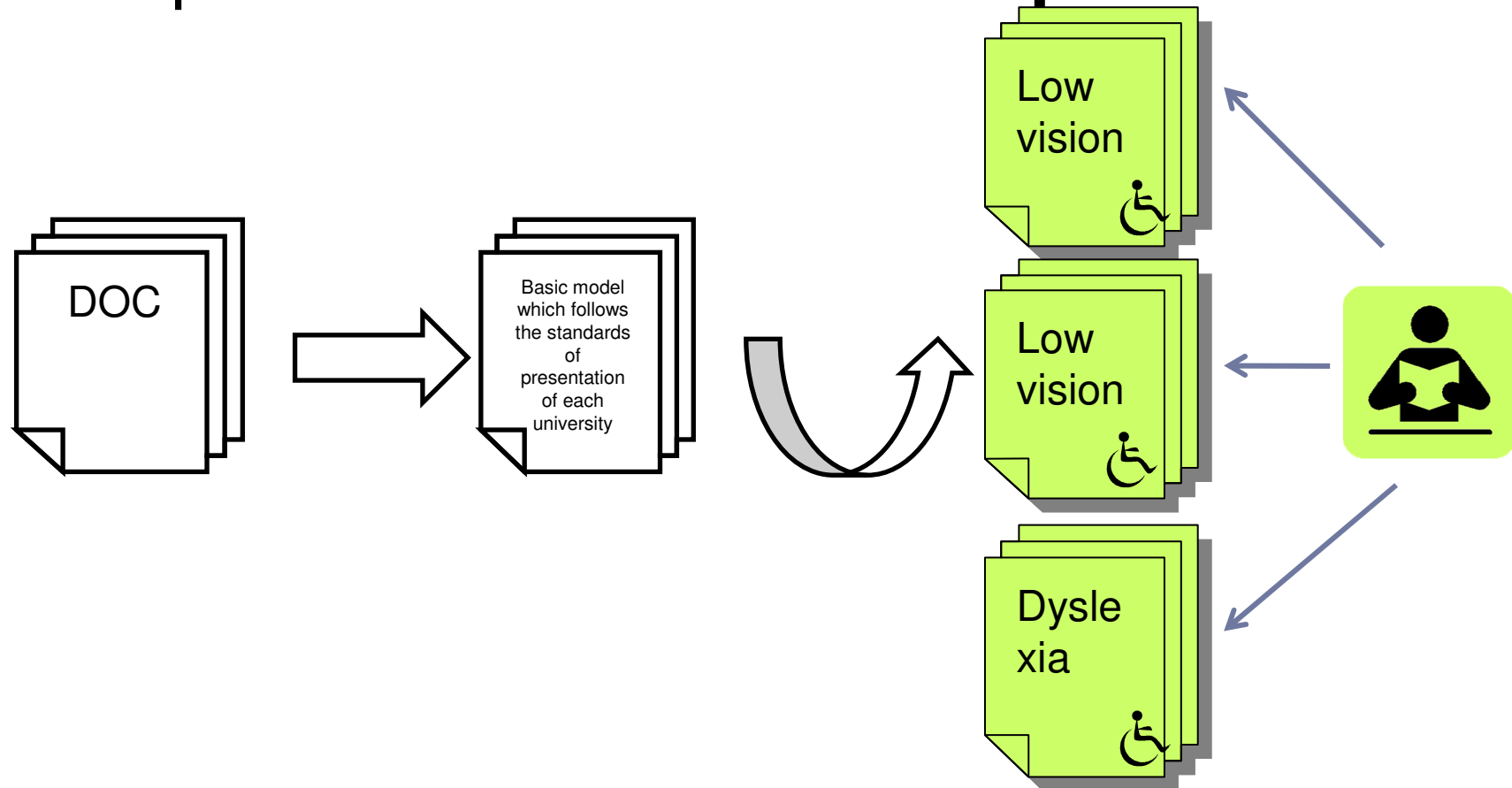
# Proposal – Templates (Step 3)

## ▶ Step 3. **Alternative versions** are created



# Proposal – Templates (Step 4)

## ► Step 4. Student chooses **adapted version**



## Future work

- ▶ **Integrate** the templates in Moodle
- ▶ **Translate** the Guide to the other official languages in Spain
- ▶ **Extend** the *Guide* to cover new digital formats (video, social web, latex,...)

# Conclusions

- ▶ Accessibility is a need
- ▶ Specialists have the duty to make it easy



Thanks

Thank you for your attention

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# The Guide on-line

## ▶ On-line Guide Download

[www.udl.cat/serveis/seu/UdLxtothom/recursos/guies.html](http://www.udl.cat/serveis/seu/UdLxtothom/recursos/guies.html)

## ▶ Download the whole Guide or separate chapters



Universitat de Lleida

Guia de contingut digital accessible

Per visualitzar les guies necessiteu un programa per llegir arxius en format PDF (fortable document format). Podreu baixar la darrera versió del programa Adobe Reader des de <http://get.adobe.com/es/reader/>

**Guia de contingut digital accessible**

La guia de contingut digital accessible està dissenyada per donar informació pas a pas sobre com estructurar, formatjar i escriure un document realitzat amb Microsoft Word, OpenOffice Writer o Microsoft PowerPoint perquè sigui accessible.

Es desitja com transformar aquests documents a format PDF i mantenir, aleshores, les seves propietats d'accessibilitat. També es descriuen aspectes d'accessibilitat que cal tenir en compte a l'hora d'introduir contingut web mitjançant les Sàhals i OpenCMS.

Aquestes són la primera versió de les **Guies de contingut digital accessible**. La voluntat és que aquestes guies vegin millorant amb les aportacions dels usuaris que les utilitzen per adequar-les a les seves necessitats. Per qualsevol aportació podeu enviar un correu a: [guiesaccessibles@igib.uza.net](mailto:guiesaccessibles@igib.uza.net)

Descarregar el document sencer de les guies (318 pàgines): [Guia de contingut digital accessible \(PDF\) \(12.2MB\)](#)

**Listat de Guies de contingut digital accessible**

A continuació es presenten cadascun dels capítols de la Guia de contingut digital accessible separats per una descàrrega directa.

1. Introducció a la creació de documents digitals accessibles (PDF 627KB)
2. Guia de Microsoft Word 2003 (PDF 1.9MB)
3. Guia de Microsoft Word 2007 (PDF 2.2MB)
4. Guia d'OpenOffice Writer (PDF 1.9MB)
5. Guia de Microsoft PowerPoint 2003 (PDF 1.7MB)
6. Guia d'Adobe Reader (PDF 1.1MB)
7. Guia per convertir documents Microsoft Word 2003 i 2007 a PDF (PDF 1.4MB)
8. Guia per convertir documents OpenOffice Writer a PDF (PDF 630KB)
9. Guia de reparació de documents PDF (PDF 1.859KB)
10. Guia per convertir Microsoft PowerPoint a PDF (PDF 600KB)
11. Guia d'OpenCms (PDF 667KB)
12. Guia de Sàhals (PDF 2.0MB)
13. Guia d'editor web FCK Editor (PDF 2.0MB)