

XML and JACoW: the way ahead

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What have we done

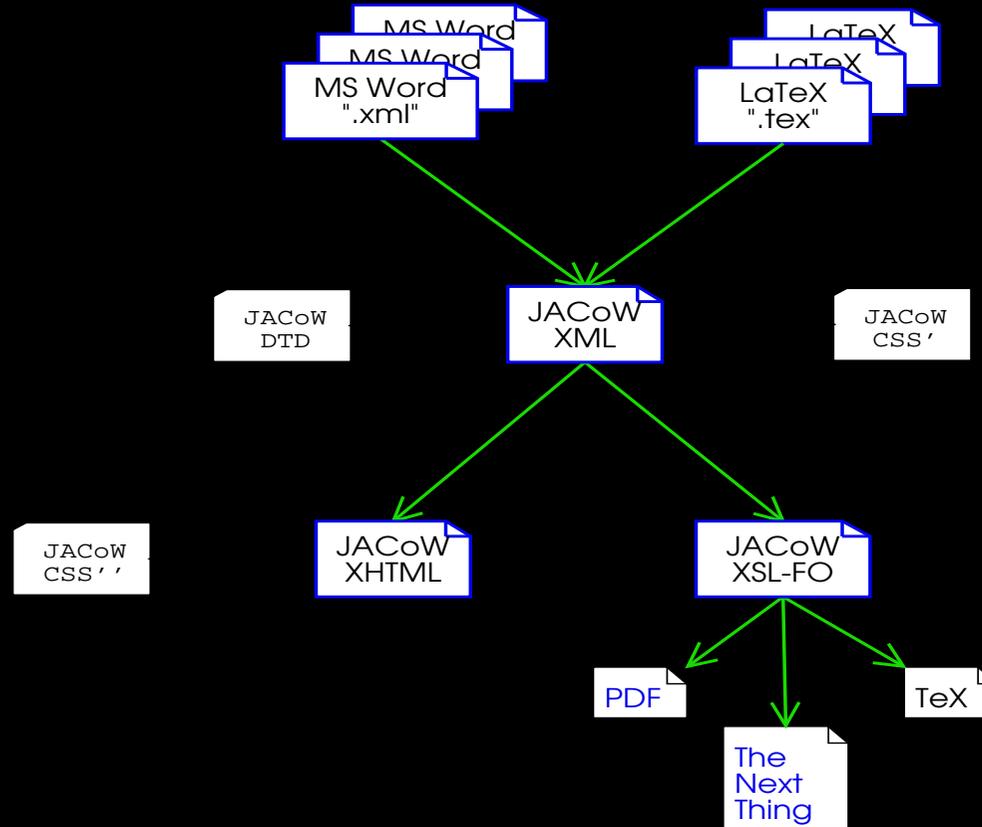
- Discovered XML
 - Workshop at BNL 1999
 - Meeting in Thoiry 2002
- Decided to try adopting the standard
 - EPAC 2004 (PSI) will be XML-based?
- Started experimenting
 - PAC team (see Matt's presentation)

What have we found

- XML is pretty... **HUGE!**
- Time is passing by
 - 1 year and 1/2 to EPAC 2004!
- Some problems arised
- Lot of work still to be done
 - Learn
 - Experiment
 - Decide which way
 - Define 'JACoW standards'
 - Test with past proceedings
 - Verify
 - Introduce to authors (if possible)

What can we do

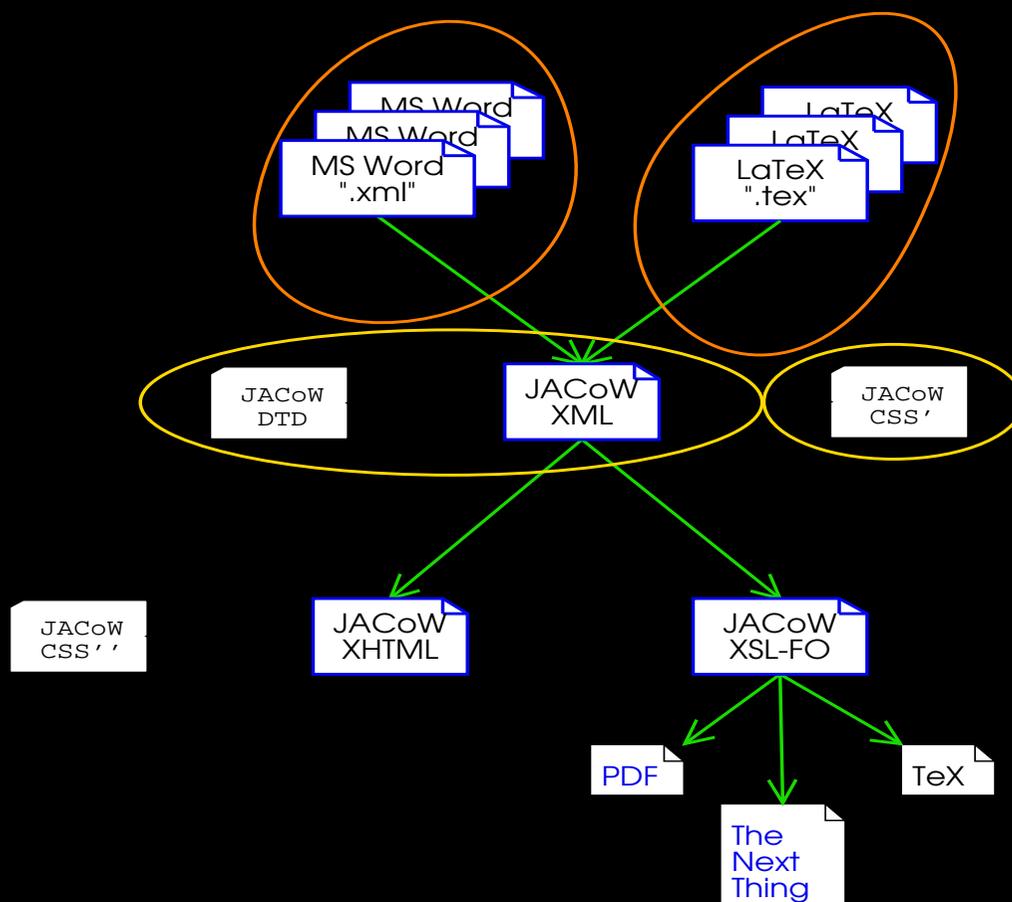
- Several areas to work in:



- Need people
- Collaboration -> knowledge improvement

Group/Area 2

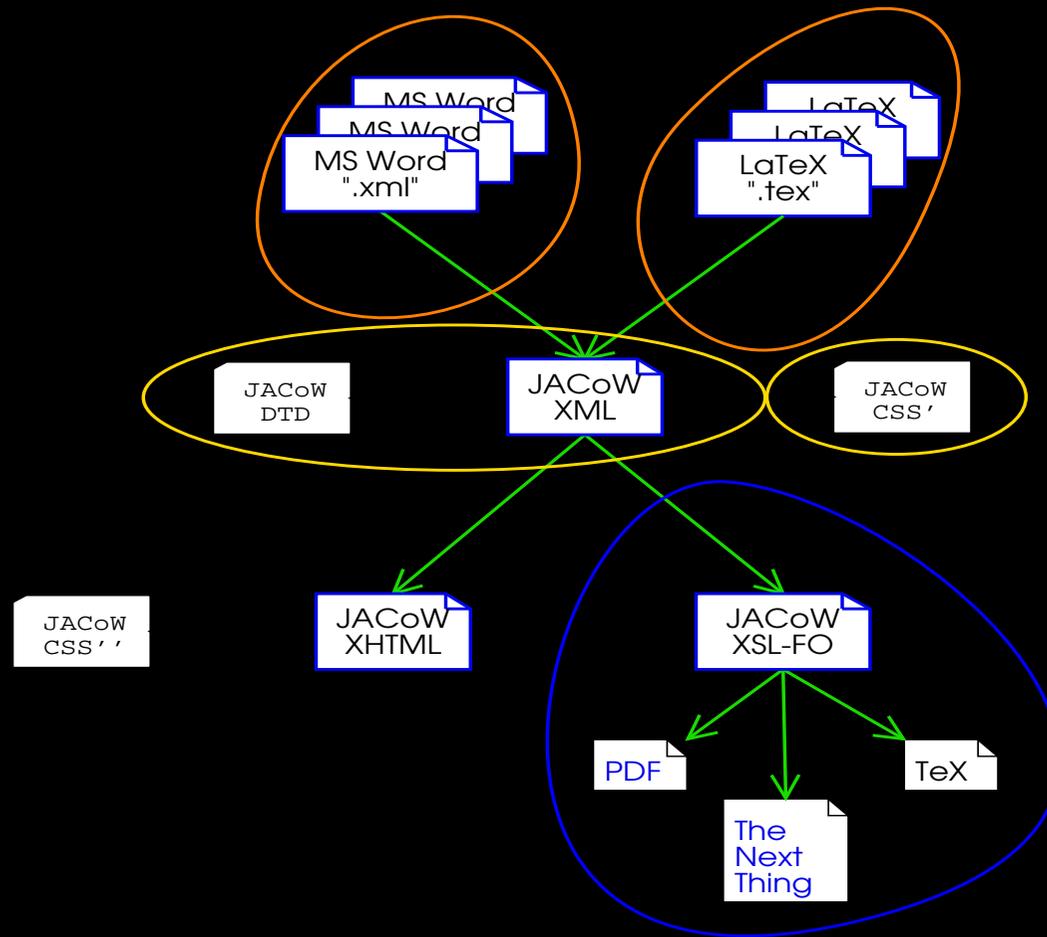
■ XSLT from Word's XML and from LaTeX



- Need for two sub-groups?
- This will impact on authors' work

Group/Area 3

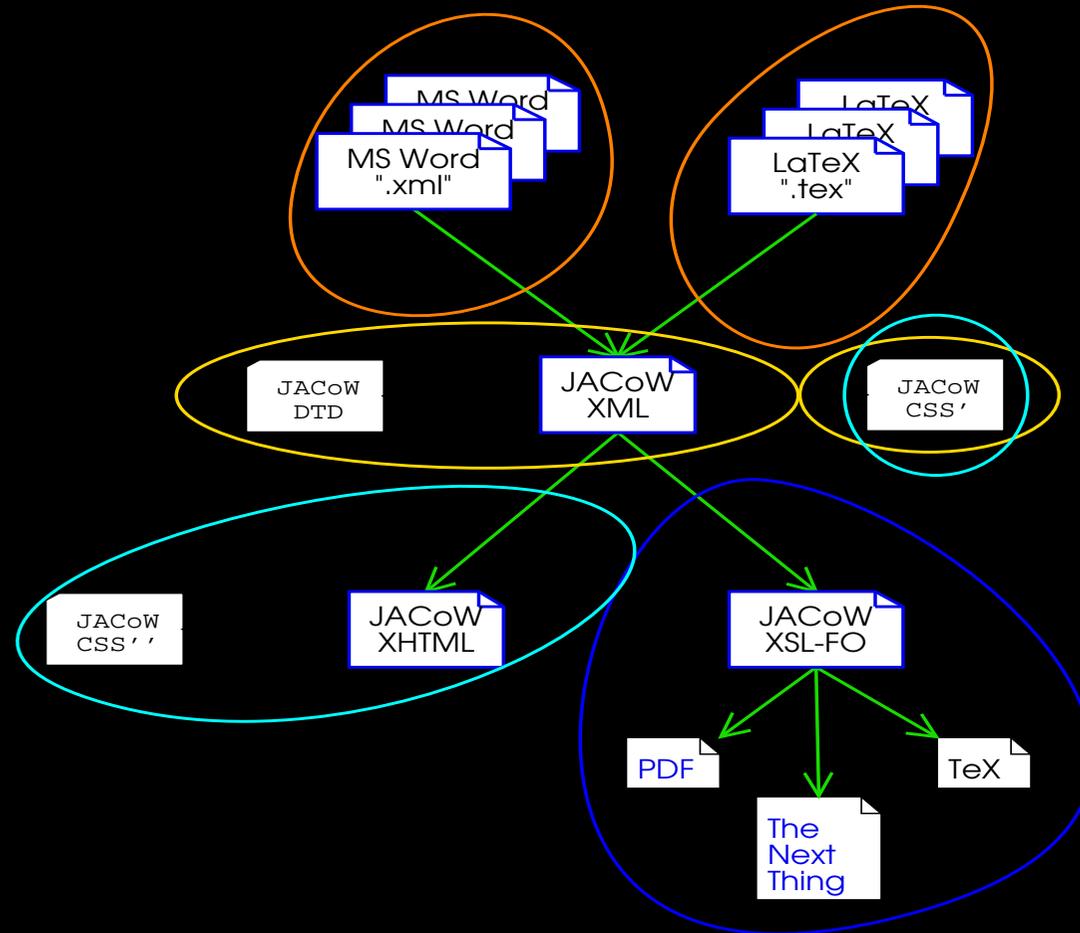
■ XSLT to Formatting Objects - PDF, etc.



- This is the 'core' area for the presentation/publishing of the papers

Group/Area 4

■ XSLT transformation to XHTML - the web



- Easy job, after all
- Could include CSS for XML, for (future) direct XML rendering

Who makes what

- XML DTD
 - Word and LaTeX transformations
 - Formatting Objects transformation
 - XHTML
 - ...
-

Open fronts:

- Microsoft XDOCS (next Office suite to come)
- TEI
- (x)DOCBOOK

Tentative schedule

...up to this meeting.

Interesting tools

Adobe FrameMaker 7.0

- Now it is XML-based
- Allows (and helps) creating XML, DTD
- WYSIWYG editing
- Anybody knows it already?

Drawbacks:

■ High cost:

- Adobe FrameMaker 7.0
 - for Windows/Macintosh US\$ 799.00
 - for UNIX US\$ 1,329.00-1,989.00
- Adobe FrameMaker 7.0 Server
 - Windows/UNIX US\$ 7,999.00

- We cannot pretend authors to use it

(thanks)