

Final Stages of Publishing the Proceedings

Concluding Summary - 4 December 1999
Ivan Andrian - ivan.andrian@elettra.trieste.it

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Preparation of the Proceedings

- The structure of the CD-ROM, the Web, the Book differs conference to conference
 - Let's propose a standard (recommendation): it may help the end user
 - Use standard tools (Browsers, Acrobat Reader, ...) How long will they live? What about their integration?
- Evaluate the Manpower for the production of the proceedings
 - Join the experiences on testing different platforms

After the conference...

- Do a lot of (redundant) checking (mixed)
- Fill in the hidden fields (automated)
- Assign the page numbers and create dividers (automated)
- Write Headings, Footers, Page Numbers (automated/mixed)
- Create TOC and AI (automated)
- Create links between TOC/AI and PDF's (automated/mixed)

Hidden Fields

- 1) Use PS %% comments + hacking the PDF's
- 2) Use PDFMarks from the PS's to the PDF's
- 3) Use XL + VBA on the PDF's
- 4) Use ARTS PDFWorkshop
(www.roundtable.com.au ~\$150) similar to 3)

All solutions are error-proof :-)

Headings and Footers

- *Use scripts (sh, perl, SQL, ...) to create the sequence of page numbers, then*
 - 1) Hack the PS, regenerate the PDF and check/fix errors - not error-proof :-)
 - 2) Use Infodata Compose (www.infodata.com, ~\$300) to insert data directly into the PDF. You may need to use it in connection with XL+VBA - error proof :-)

TOC and AI

- *Creation of the 'source' (.html, .tex)*
 - 1) SQL
 - 2) Export + Some script (perl, ...)
- *Creation of the PDF*
 - 1) LaTeX + pdflatex
 - 2) MS Word (or any word processor) + Acrobat Distiller

Hyperlinks into PDF

- 1) PDFMarks into PS's (Leif's program, ...)
- 2) LaTeX + HyperRef
- 3) MS Word + Acrobat PDFMaker

- 1) is not error-proof, but it gives you more control over the pages (i.e., articles)
- 2) and 3) are straight-forward, but you need to know LaTeX/have MS Word

~~PDF → PS → PDF~~

- Now it is possible to eliminate one risky step, using new software, if we want
- The needed manpower could decrease (less checking/fixing)

Conclusions

- The DataBase is fundamental
- Start collecting good (well defined) information
- Never forget the role of 'manual checking'
- Information - Anybody needs to learn more
 - Put more documentation on JACoW
- Propose some recommendations, so one can choose his preferred method/standard
- Keep updated (SW, procedures, XML, ...)