Online Editor and Committee Report

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The Full Monty

http://cms.itsoc.org/bog/bog-mtg-isit2007/
- Make cultural and financial investments in the web
  - Rethink all operations with web as primary outlet / tool
  - Allocate $10K for initial specification phase
  - Hold / budget $100K in capital expenses, $15K in operating expenses for next 2-3 years
- Task the Ad Hoc Committee
  - Recruit “typical” end-users as members
  - Develop detailed specifications and priorities
  - Bring proposal for next phase to Allerton 2007
Goal

People
Ideas
Publications
Community

⇒ Capture ⇒

⇐ Enhance ⇐

Websites
Specific Examples

- BoG/Committee Repositories
- Publications
- Lectures
- Conferences
BoG/Committee Repositories

- Problems
  - Sophisticated requirements (user-contributed, sharing, ...)
  - Infrequent use
- Solution
  - Overlay simpler interfaces
- Requirements
  - Beta testers
  - Software specification and development
  - Documentation and training
- Extras
  - More familiarity with web application frameworks
  - More people contributing to wish lists
Publications

• Problems
  • Multiple sites / content dilution
    (Personal websites, Pareja / EDAS, arXiv, IEEE Xplore)
  • Tedious for authors to “do the right thing”

• Solution
  • Integrated workflow

• Requirements
  • Assess existing tools (meta-tool vs. home-grown)
  • Software specification and development

• Extras
  • Discussions, “open reviewing”
  • Link permanence
  • Xplore revenue
Lectures

Problem
- New generations of Information Theorist can never see / hear Shannon give a talk. What about Verdú?

Solution
- Record, edit, and post plenary lectures

Requirements
- A/V equipment or partner, editing software
- Disk space, streaming servers

Extras
- Add bibliographies with pointers to Xplore,
- Interface with Distinguished Lecturer and Fellow programs
Conferences

Problem
- Myriad of tools, partners for Conference Organizers
- Reuse challenging or impossible

Solution
- Templates
- Integrated workflow

Requirements
- Software specification and development

Extras
- Calendaring
There are *many* opportunities to leverage the web

- It gets complicated / tedious
- Manpower is important

**Requirements**

- Cultural shift
- Web application platform(s)
- Developer partner(s)
ISIT 2007
- Wish list
- Initial discussion and estimates with developer
- Report and proposal

By Allerton 2007
- Develop detailed specifications
- Bring “typical” end-users more into discussion
- Prioritize functionality
- Obtain quotes / cost estimates from developers

By End of 2007
- Pursue development and testing of 1-2 key functions
- Assess progress, re-prioritize

Iterate