Presentation 15/06/07

CCOOPnote

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Maximilien Perrin

Camille Roux

Matthieu Segret

Mathieu Sivade

Introduction
- Plan
- Coopnote
- Why?
- Competitors

Technical
- Workspace
- Who did what?
- Problems & solutions
- Comet
- Results

Analysis
- Assessment
- Personal gains
- Additional features

Conclusion

Coopnote, in a few words

Stick notes on the desktop

Share them in *real time* with other people

Work together on them

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Why?

Provide a cooperative work tool

Work on a web 2.0 application

Try a new tool : Ruby on Rails

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Competitors

Google NoteBook
- low-rate refresh
- less modularity

Web-notes
- no real-time view
- html content (no protection)
- no authentification

Off-line notes (Tomboy, etc)
- no sharing
- local only

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Workspace

Ruby on Rails
- Web application framework released in 2004

Prototype & Scriptaculous
- Ajax Framework

Aptana
- Environment for building Ruby on Rails applications

SVN
- Open source version control system

Plug-ins Firefox
- Firebug
- Web Developer
- HTML Validator

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Search:

Hello × | Intro × | **Technical 1/2 ×** | Technical 2/2 × | Analysis × | Conclusion × | CoopNote is fun × | Create desktop

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Who did what?

Maximilien Perrin
- Tests
- Fixtures

Matthieu Segret
- Mostly MVC Models, some Views and Controllers
- Model validation

Mathieu Sivade
- Comet
- JavaScript

Camille Roux
- Project Manager
- Most of the CSS
- Some Views and Controllers

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Problems & Solutions

Browser Compatibility
- Cross-browser Ajax Frameworks (Prototype and Scriptaculous)

New (for us) languages and framework
- A lot of books, tutorials, websites to read

A lot of specifications
- We had to have a well-structured projet, designed around MVC

Ready for search-engine indexing
- XHTML valid
- All the content in the HTML
- Respect the main rules for good indexing

Some technologies are very new
- Very little documentation
- Bugs
- We had to modify some bits of code

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Dynamic website using Comet

Synchronous consulting

Asynchronicity using AJAX

Persistance using Comet

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Results

Desktops – creation, editing, sharing, rights management

Notes – creation and advanced editing (color, position)

Synchronized update at user level

Site exploring using tags and full-text search

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coopnote

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Assessment

Really quick progress at the beginning

Developed with production constraints in mind

Well done design

XHTML 1.0 valid

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Assessment

Compatibility with browsers :
- Firefox, Opera → good
- IE → limited

Low bandwidth usage

Robustness (everything is tested)

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Personal gains

New language : Ruby

New framework : Rails
- One of the fastest growing web tools

Concrete experience working as a team on a whole application

Experience of working with state-of-the-art tools

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Search:

![CoopNote logo]

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Additional features

More security
- Registration
- Acceptance of the invitations
- Moderation possibilities

Notification on concurrent modifications

Information by RSS, webservice, email

Transfer/copy notes between desktops

Addition of specialized notes

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New note

See also

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Conclusion

Incredibly fast development

Pleasant development tools

Good feedback from beta-testers

Satisfying result – both innovative and fun

Complementary tools for web development

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Search:

New note   See also

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Incredibly

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Satisfying

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