ODF@WWW
An ODF Wiki

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Be **warned**: This talk is about advertising the ODF@WWW ...

ODF&OOo are a Great Success …

- ODF is an ISO Standard
- ~3 million downloads a week (OOo 3.0)
- ~150 million deployments
- >100 localizations
- Many platforms (*BSD, Linux, Mac, Solaris, Windows)
- And Archs (x86, x64, ARM, MIPS, SPARC,...)

… but ...
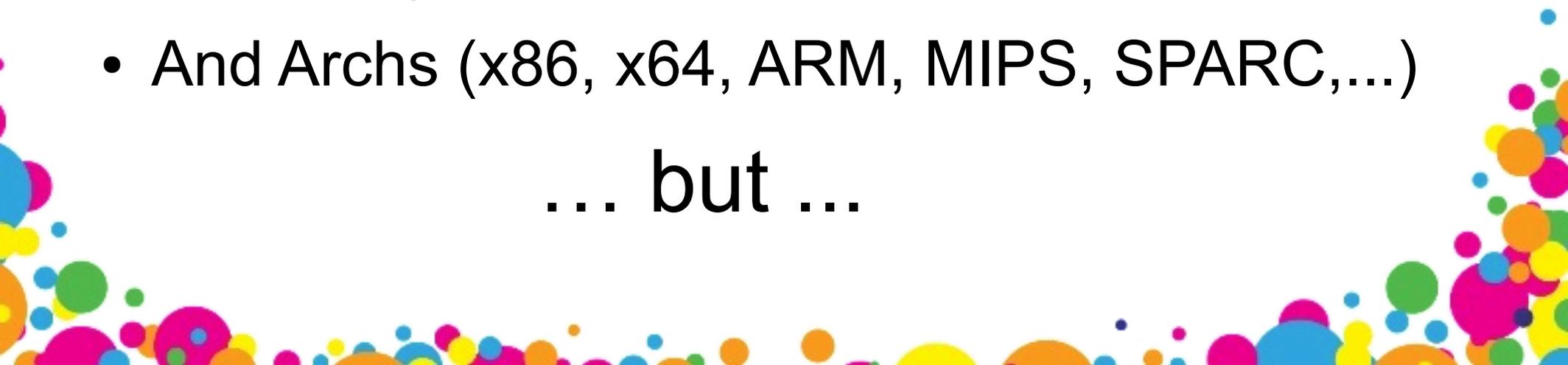
… there is Competition ...

Not only other office suites, but the World Wide Web (WWW), which offers RIAs

- Either Proprietary
    - Adobe Flash
    - Silverlight
    - ...
- Or Free
    - HTML / Ajax

The WWW eases collaboration.

…which is Even Creeping into OOo...

- OOo uses a Wiki for managing projects, documentation ...

- Some People still send documents by mail (including me :-), but …

- The Collab.Net pages need to be checked via CVS as **HTML** ...

… or Unused Chances :-)

- The WWW is still not (really) editable, at least not WYSIWYG

- (Big) RIAs are not easy to develop
  - Struggle by browser compatibility issues
  - More or less have a poor user experience
  - Just to avoid application installation?
  - But may reach small devices (which is important)

- We already have a Feature Rich Office Suite ...

ODF@WWW

Bringing ODF and OpenOffice.org to the WWW

- ODF and OOo need to enter the WWW

- That means, that we need to use and to leverage ODF and OOo on the HTTP server.

- Completing the client (e.g. OOo)

- This is what ODF@WWW is all about.

The ODF@WWW project aims to develop companion products for ODF and OpenOffice.org to extend their reach into the WWW.

First App.: An ODF Wiki

- Keep it short & simple

- An application is only needed for editing, not for viewing.

- An ODF editor (e.g. OOo) is already available on many / most computers anyway.

- Imagine being able to click an "edit" button … and OOo opens to change the content :-)

A Short Demonstration

What Others are Saying

- "Wow this is really amazing, finally someone came up with some of my pipe dreams :)"

- "It's an excellent idea, and it is, as you pointed out the tip of the iceberg: what you demoed is the future of OOo."

- "OHMYGOD! M$ is gonna be so over it!"

- "It's a great start, and I am looking forward to what Ramme develops next with this project."

- "Congratulations for implementing the ODF@WWW feature. It is really amazing."

By now

ODF@WWW

Is an official incubator project :-)

http://odf-at-www.openoffice.org

Under the Hood

- Apache2 Web Server

- GNU make

- JODConveter

- Dedicated MIME Types (.rodt, .rods, ...)

- Some Server Side scripts

- A client helper script

- Overall: ~180 lines of code (even with some redundancy ;-)

Outlook

- Compound documents: Managing documents on the server allows to dynamically re-combine documents and their parts (paragraphs, charts, styles, …)

- OOo "browser" mode for easy navigation

- ODF based Blog Server

- ODF RIA applications: Like HTML / Ajax

I want you for ODF@WWW :-) Come and help!

Q&A

Thanks!

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www.OOobeijing2008.com

Some Links

- Project Page: http://odf-at-www.openoffice.org

- Screencasts

  - http://www.youtube.com/watch?v=rI0AEJkotzl

  - https://slx.sun.com/1179271201

- Dmitri Popov:
  http://www.linux.com/feature/143573

- Installation:
  http://wiki.services.openoffice.org/wiki/ODF@WV

- The Code:
  http://mediacast.sun.com/users/Kay.Ramme/me