



HIPPO OPEN SOURCE CONTENT MANAGEMENT SOFTWARE

Shootout: Hippo CMS

Arjé Cahn

Hippo, Amsterdam

email: a.cahn@hippo.nl

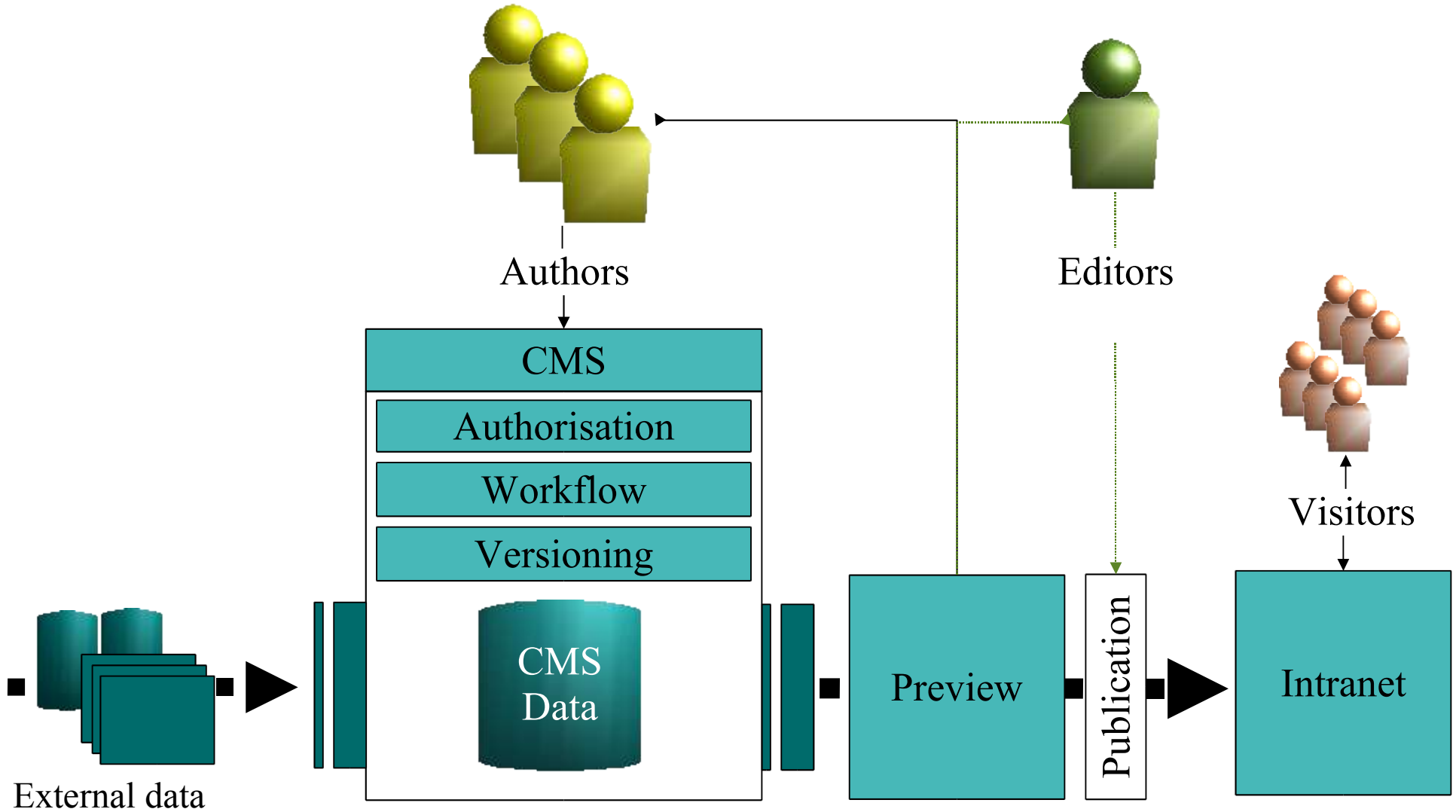


About Hippo CMS

- **Many documents, many users**
- **Document-oriented instead of page-oriented**
- **Familiar interface**
- **Main components**
 - **Apache Cocoon**
 - **Apache Slide**
 - **OpenSymphony Workflow**
 - **Apache Lucene**



Content Flow





USP1: Standards!

- **XML editing, XML storage, XML output**
- **XML vs XHTML**
 - XML for real querying
 - XML for non-web publishing (pdf, mobile devices, ..)
 - XML for related items
- **Editor pluggable: Xopus, BXE, HTMLArea, ..**
- **Templates: XSL + Schema or CSS + Schema?**
- **Querying: DASL, (Xquery, Xpath)**
- (Could use XHTML too)



USP2: Hierarchy

- **We have hierarchy**
- **Apache Slide repository**
- **ACL Rules are hierarchically defined: users, groups, roles, privileges**
- **User is free to define hierarchy (aka 'my documents')**
- **Easier for groups of editors**
 - › 2 users :-)
- **Any type of document can be stored anywhere**



USP3: User interface

- **For end users (journalists, ...), should look good**
- **Explorer-like browsing: folders, documents**
- **Integrated into ONE web interface**
- **Consistent look and feel**



User interface

Hippo CMS 6.0 - Microsoft Internet Explorer

Address: http://redactie.intranet:50003/

root

Hippo CMS 6.0

Dashboard Documents Assets Editing Source

folders	name	size	type	changed	publication	order
Root	..					
bulk	Beurskoersen	0.6 kb	Tekst pagina	14-9-04 13:03	direct	2
actualiteiten	Rentetarieven	0.6 kb	Tekst pagina	14-9-04 13:02	direct	3
admin	Valutakoersen	0.8 kb	Tekst pagina	14-9-04 13:04	direct	1
agenda						
begrippenlijst						
capacity						
communicatie						
contactcenter						
ctym						
ecard						
facility						
fenacorp						
reuters						
fenato						
formulieren						
handleidingen						
ict_csts						
ict_go						
ict_systdev						
ict_systeng						
ipb						
links						
managementinfo						
mencommit						
oprt						
or						

Folder actions (reuters)

- Add folder
- Add document
- Import document

Workflow (Rentetarieven)

- Edit document
- Request publication
- Request deletion
- Delete document
- Publish document

Document actions (Rentetarieven)

- View XML source
- View preview

Details

Rentetarieven (rente.xml)
document (File type: Tekst pagina)

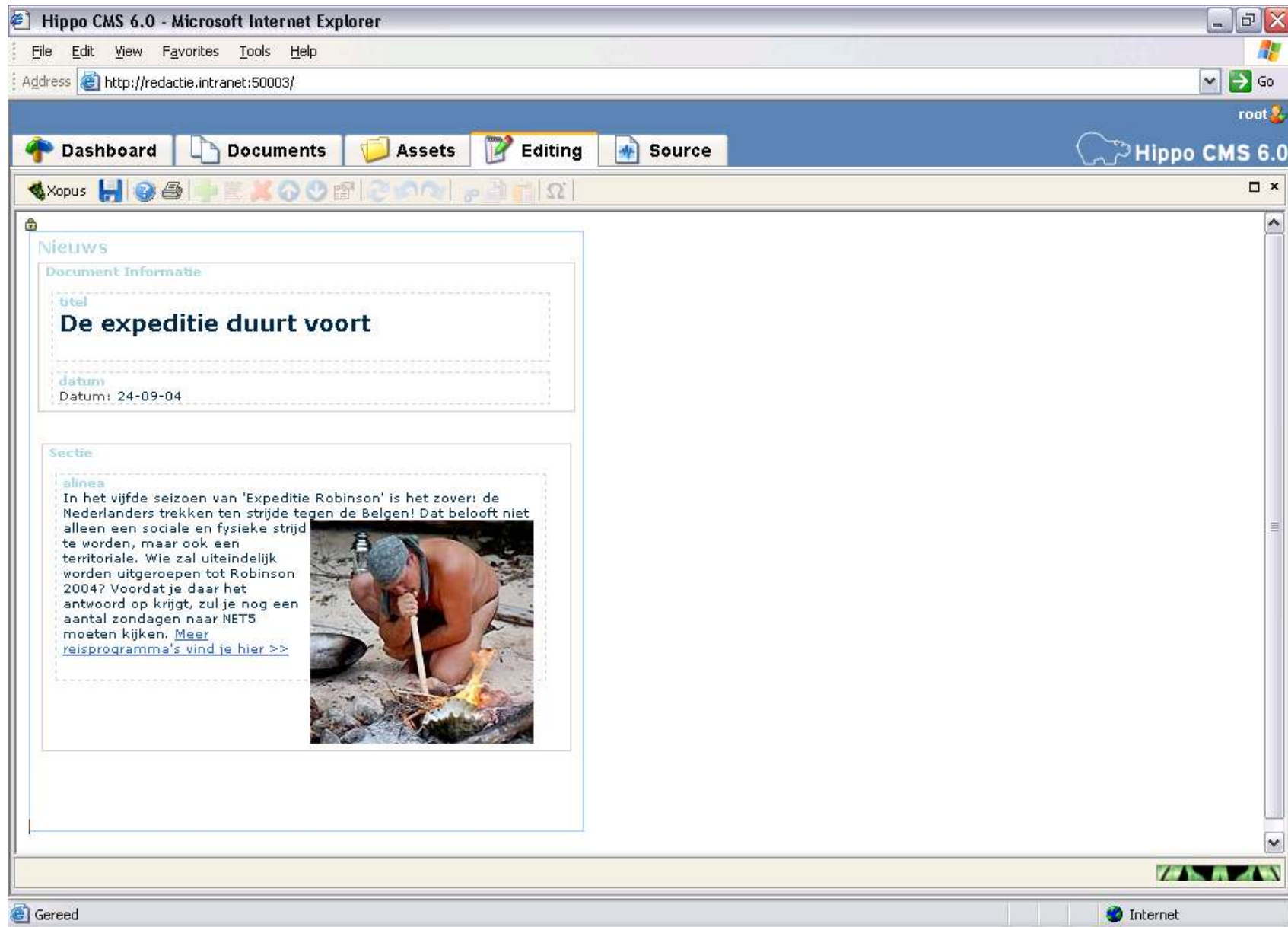
Last modified on: dinsdag 14 september 2004 13:02:57 uur

Properties

Caption: Rentetarieven [Set]



UI: editing



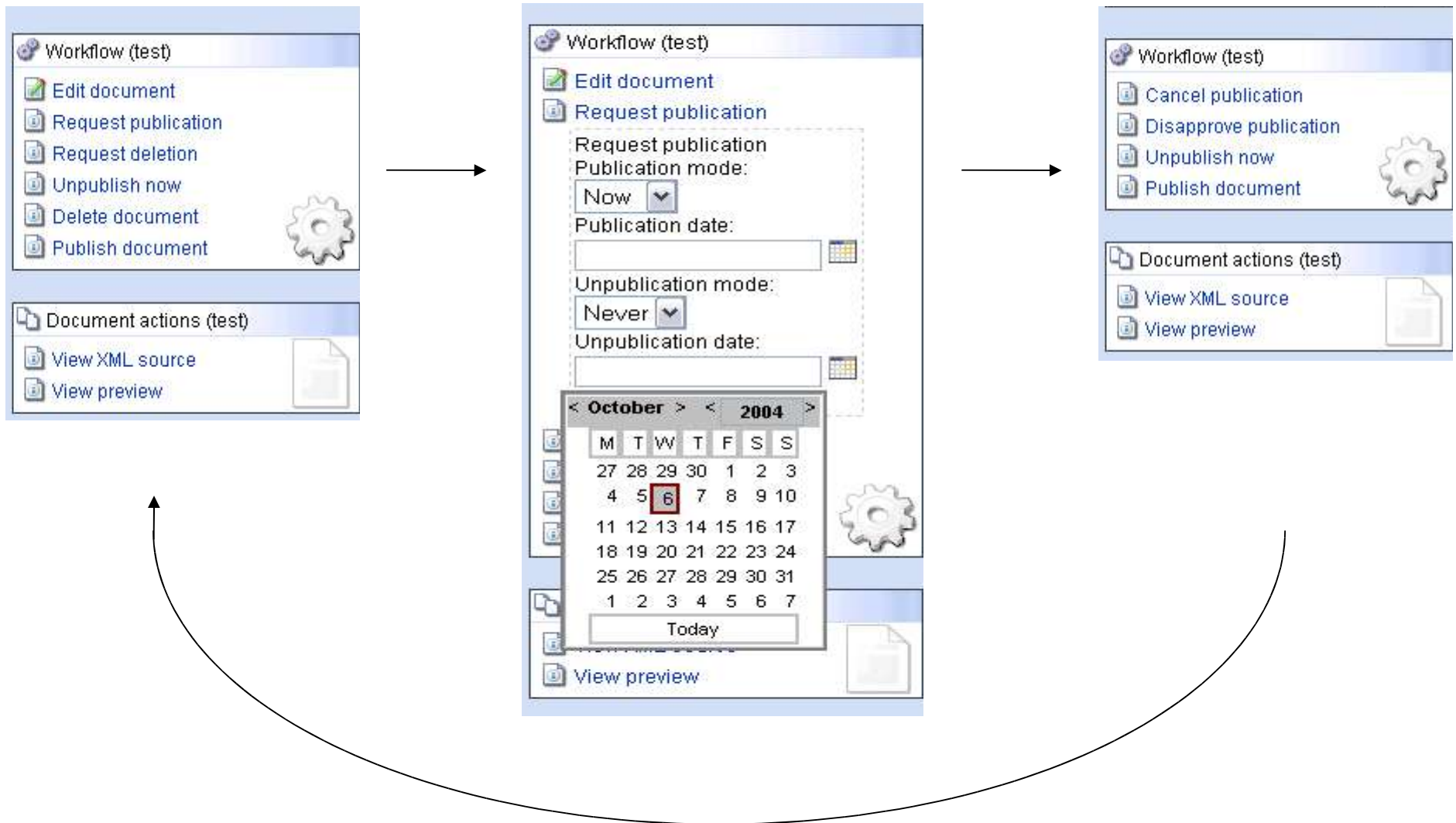


USP4: Workflow

- **OpenSymphony Workflow**
- **Works with Slide privileges ('read', 'write', 'author', 'reviewer', etc): extendable**
- **Collection / per user or group / role / privileges**
 - **John is author in /news**
 - **Jim is the reviewer of /news and /agenda, and author in /agenda**
 - **Jack is the editor of everything (/), except for /agenda**



Workflow





USP5: queries and navigations

- **Query by metadata**
 - Using DASL searches on (My)SQL store: FAST
- **Query by content**
 - Using DASL and Lucene: fast
- **Make 'lists' of documents by making queries:**
 - "get me all news-docs from anywhere"
 - "get me all documents under /agenda, sorted by date, descending"
 - "get me all docs on 'cocoon', no matter the type"
 - "get me a list of lists"



Building the navigation

Hippo CMS 6.0 - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address http://redactie.intranet:50003/ Go

root

Dashboard Documents Assets Editing Source Hippo CMS 6.0

Xopus

Menu

- Nieuws
 - Daily Post » nieuws-template
 - Nieuws Touroperating » nieuws-template
 - Nieuws Retail » nieuws-template
 - Weekrapportage Sales » nieuws-template
 - Persberichten » persberichten-template
 - TUI times Actueel » std-template
 - TUI times Nederland » std-template
 - TUI times Internationaal » std-template
 - OR nieuws » std-template
- Consument & reisagent
 - TUI Tip 10 » exte...
 - Winkelfocus » exte...
 - Codering reisbure...
 - Schappenplan » st...
 - Studiereizen World...
 - Arke Club » nieu...
 - E-learning » std-te...
- Vakanties & reizen
- Applicaties & management info
 - ICT Customer Services » std-template
 - ICT Net » std-template
 - Valuta, rente en beurskoersen » std-template
 - Electronisch archief F&A » externe-link
- Just for You
 - Arbeidsvoorwaarden » std-template

Root element » Menu onderdeel » Menu subonderdeel » Template » Standaard

Gereed Internet



More features

- **Versioning**
- **User management**
- **Word import (OpenOffice)**
- **Free meta fields**
- **Automatic extraction of meta information from document**
- **...**



Roundup

- **Visit our stand for demo**
- **Code available ~december**
- **<http://projects.hippo.nl/hippocms>**
- **Sign up at the mailinglist for release info**