

# AIDA/Scribo

a powerful CMS at your fingertips!

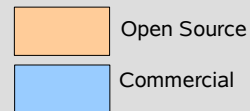
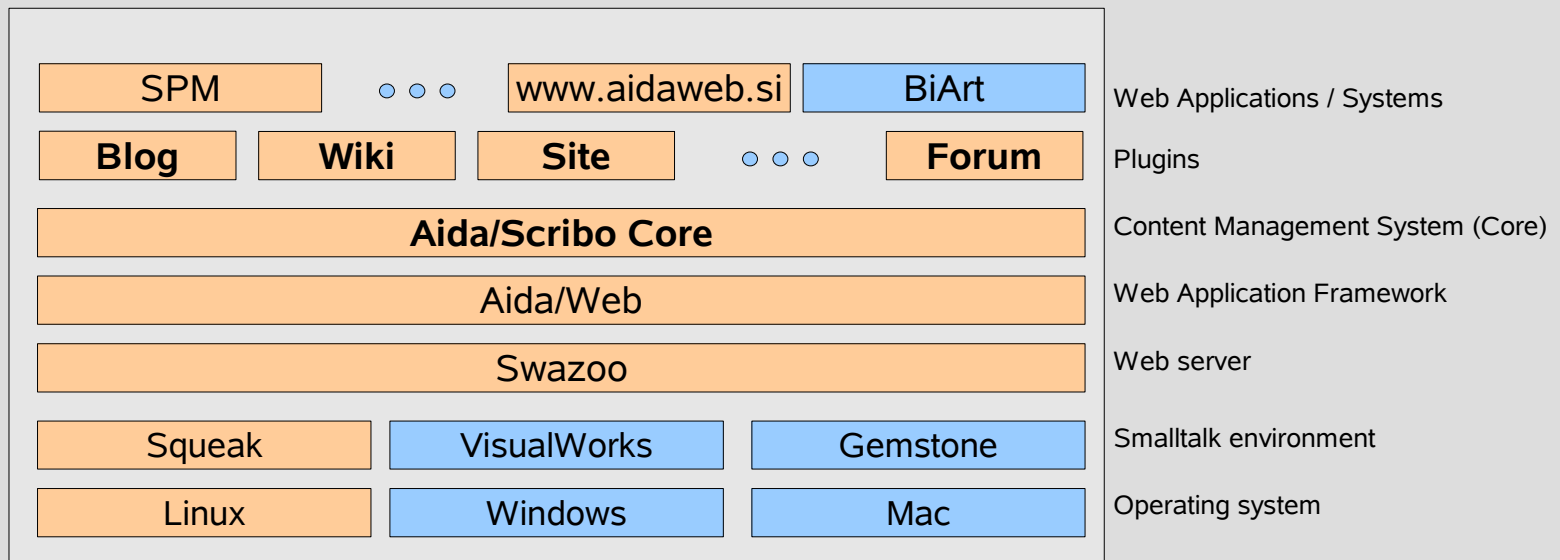
# Contents

- Yet another CMS?
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# Why another CMS?

- Leveraging Smalltalk strengths
  - obvious goal for us :)
  - Smalltalk all way down to wire (incl. web server-Swazoo)
- Leveraging Aida/Web strengths
  - MVC, REST, Security, Components, Ajax
- CMS framework for different CMS apps
  - from blogs, forums, wikis, websites to complex document systems
  - general enough to cover such diversity of needs
- For developers and end users
  - developers, Smalltalkers to use the CMS core easily in their own apps
  - end users, who want to tailor its CMS and compose it from ready to use plugins/components (scriblets)

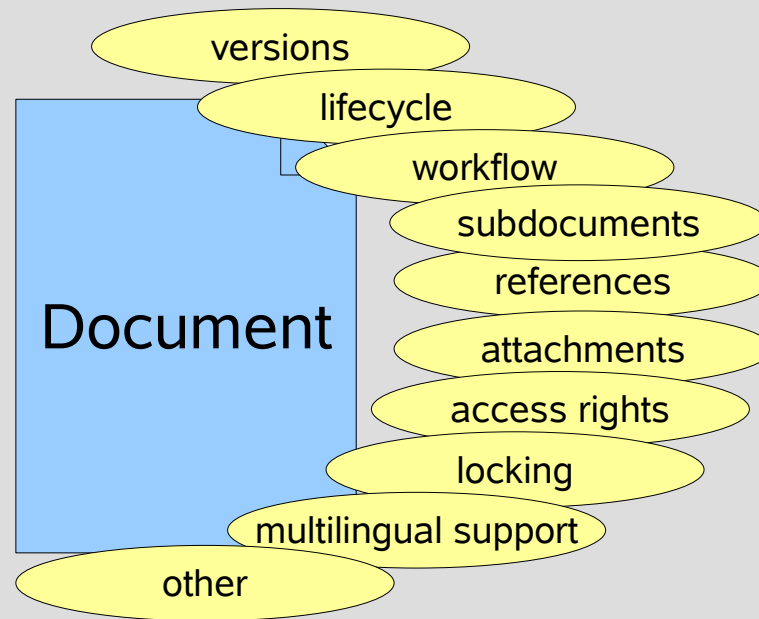
# Architecture



# Leveraging Aida/Web

- MVC
  - CMS domain model separated from presentation
  - can be reusable by other "presenters"
- RESTfull, nice looking, bookmarkable URLs
  - a must for CMS
  - very important for SEO
- User/Group/Role support
  - from simple to extensive authorization schemes
- Access control
  - from ACLs to more complex access rights
- Components
  - base for Scribo components named scriplets
- Ajax
  - for more dynamic interaction with content

# Document



# Document

- **Versioning**

- support for different versioning schemes
- document can be in many versions but its URL always point only to the released version
- achieved by swaping document identity when a document is released
- access previous or next version (version in preparation) with parameter in query part of URL:
  - <http://www.site.org/article.html?version=4>

# Document

- **Lifecycle**
  - states during document's life
  - #pending #ready #approved #released #obsolete
  - can be extended and tailored
- **Workflow**
  - managing flow of work through document lifecycle
  - from editing, multiperson approvals, to releasing,
  - who when what needs to do some task
  - e-mail requesting for some task,
  - e-mail notifications of task done



# Document

- **Subdocuments**

- vertical hierarchy of documents
- Folder is a subclass of Document
- Folder can contain documents or other folders
- Document can have Chapters (again subclass of Document)

- **References**

- horizontal links between documents
- also external, to pages on external websites

- **Attachments**

- like images, PDFs and other

# Document

- **Access rights**
  - who (user or group or role) can do what (workflow tasks)
- **Locking**
  - exclusive lock of document while editing
  - you got message: "edited by <person>, wait until he finish"
  - when he finish, you get: "document is now ready for edit"
  - Implemented by so called Comet (reverse Ajax) technique

# Document

- **Multilingual support**
  - one document can be in more than one language
  - document has always the same URL, regardless of language.
  - in which language is shown depends of the language of an user.
  - for requesting a document in explicit language you can add a parameter in query part of URL:
    - <http://www.site.org/article.html?language=fr>
- **Other**
  - dynamic variable
  - for adding any other attributes or whatever to the document

# Plugins

- Wiki
  - main plugin. Blog and Website are based on it
- Website
  - close to Wiki
  - conceptual difference between wiki and website.
- Blog
  - very complete
  - fully supports comments, comment timeout, RSS, tags, tag cloud, categories, post publication, and so on
- Forum
- ...

# Scriplets

- components embeddable into the text
- simple way to extend Scribo
- predefined Scriplets
  - {GALLERY}, {TOC}, ...
- custom Scriplets
  - just implement a method returning a web element/component
  - {#nameOfMyMethod}

# Gallery Scriblet



◀ Previous 7/19 Next ▶ Upload image.

Image or .zip:

Browse...

Upload

# History

- Scribo roots
  - Aida since 1996
  - BiArt since 2003
  - BiArt:
    - document management system
    - with added business process descriptions
    - designed for long term legally valid archiving
    - entirely file based, any database=long-term archiving easy achievable

# Scribo at work

- Blog: [nico.bioskop.fr](http://nico.bioskop.fr)
- SPM - Squeak Project Manager
- BiArt/ISO Quality Management System
- [www.aidaweb.si](http://www.aidaweb.si), [www.swazoo.org](http://www.swazoo.org), ...
- [www.nets.si](http://www.nets.si)
  - templating from traditional design, scriblets
- Geomer
  - management of measures on the Slovenian gas pipeline
  - Scribo as the framework for specialized web app
- new Squeak website demo:
  - [squeaksite.aidaweb.si](http://squeaksite.aidaweb.si)



# Scribo Blog

## Talking Smalltalk Nico's Blog

*About me*

*Photo gallery*

*Archives*

May 2008  
April 2008  
March 2008  
February 2008  
January 2008  
November 2007  
October 2007  
September 2007  
August 2007  
July 2007  
June 2007

*Categories*

Aida/Scribo  
Aida/Web  
Seaside  
Smalltalk  
Squeak

*Tag cloud*

aida ajax blog book dev en  
mappings monticello patterns polices  
prototype-ui scribo scriptaculous seaside  
slovenia spm **squeak** squeaksource  
tamaris uml vnc web

### SPM: Squeak Project Manager

15.5.2008 15:58 by Nico

I was recently working on a project called SPM (Squeak Project Manager).  
It's an application to manage squeak projects, with:

- ◆ a Monticello repository accessible from the website
- ◆ a tracking system including a timeline, roadmap, milestones and tickets (or issues)
- ◆ a wiki
- ◆ news (or blog)
- ◆ an interface to Monticello, which allows you to browse the code online, with bookmarkable urls

Each user also has a personal page, with an editable todo, a list of all tickets assigned to him, and a list of the recent events in the timeline.

It's not finished yet, but we already use it for Scribo: [scribo.bioskop.fr](http://scribo.bioskop.fr)  
SPM is based on Aida/Scribo, and will be released under MIT licence.

Stay tuned!

 Tags: [squeak](#) [aida](#) [dev](#) [monticello](#) [spm](#) [en](#) |  0 comments

### Sortie de Squeak par l'exemple

8.5.2008 23:41 by Nico

[Squeak par l'exemple](#), la traduction française du livre [Squeak by example](#) est sorti.

Squeak par l'exemple destiné aux étudiants et développeurs, vous guidera dans la découverte du langage Squeak et de son environnement, avec l'aide de nombreux exemples et exercices.

# SPM (Squeak Project Manager)

The screenshot shows a web browser window with the URL `http://scribo.bioskop.fr/browse/scribo0.9-np.1.html`. The browser's address bar and tabs are visible at the top. The main content area is titled "Scribo" and includes a navigation menu on the left with sections for NEWS, WIKI, ROADMAP, REPOSITORY, and TIMELINE. The main content area displays the project name "Scribo0.9" and the file "Browse source: Scribo0.9-np.1.mcz". Below this is a table with a "class category" header and a list of items, with "Scribo-Sites" highlighted. A "Properties" section shows the author as "np", the date as "11 June 2008 7:44:28 pm", and the download link as "Scribo0.9-np.1.mcz". A "Versions" section at the bottom shows "All versions | Latest version" and a "Version: 1" field with a "browse" button.

Guest | Login font size:

Search

**NEWS**

**WIKI**

- Home
- Pages

**ROADMAP**

- 1.0 stable
- 1.0 beta

**REPOSITORY**

- Scribo0.9
- ScriboPersistence
- ScriboShout
- Scribo
- ScriboPlugins


**TIMELINE**

| Scribo0.9 |

## Browse source: Scribo0.9-np.1.mcz

class category ▲	
1.	*Extensions
2.	Scribo-Blog
3.	Scribo-Components
4.	Scribo-Core
5.	Scribo-Forum
6.	Scribo-RSS
7.	Scribo-Sites
8.	Scribo-Tests
9.	Scribo-Wiki

Properties

Author: np  
Date: 11 June 2008 7:44:28 pm  
Download: [Scribo0.9-np.1.mcz](#)   
Log message:  
I only renamed Scribo-np98

Versions

[All versions](#) | [Latest version](#)

Version:

## NETS.SI

- 01 Podjetje
- 02 Novice
- 03 Produkti
- 04 Seminarji
- 05 Partnerji
- 06 Reference
- 07 Kontakt



Sistem učinkovitih rešitev

### UR klub

Z 10. septembrom 2008  
odpiramo  
klub UR!

### Novice

4.3.2008



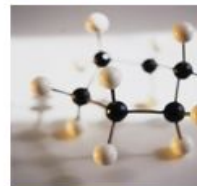
Inovacije so strateška usmeritev projektov EU. Za potrebe Vas, ki želite to vnesti v svoje delovno okolje, se je tokrat Uroš Guščar od 24. do 29. marca 2008 na Floridi udeležil usposabljanja po metodi Simplex. [več](#)

19.12.2007

Že tretjič v ekipi mednarodnih ocenjevalcev Uroš Guščar tokrat ocenjeval pristanišče v Dubaju! Danes so oči sveta uprte tudi v Dubaj. Hitro rastoče velemesto presežkov. Vlada v Dubaju se je odločila podati tudi na pot poslovne odličnosti. DP World je eno izmed štirih vodilnih... [več](#)

[Vse novice](#)

### O podjetju



NETS je podjetje za **poslovno svetovanje**, ustanovljeno 1994. Največja globina našega znanja je na poslovnih procesih (arhitektura in dizajn procesov), spremljanju uspešnosti, stalnih izboljšavah in inovacijah procesov ter tržnih raziskavah. Kot okvir uporabljamo predvsem model poslovne odličnosti EFQM, ISO 9001 in ISO 14001.

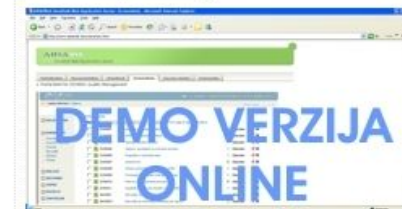
[več o podjetju](#)

### Produkti

- ◆ [Model poslovne odličnosti \(EFQM\)](#)
- ◆ [Arhitektura in dokumentiranje procesov](#)
- ◆ [Kazalci uspešnosti \(BSC\)](#)
- ◆ [Informacijska podpora procesom \(BiArt\)](#)
- ◆ [Kreativnost in inoviranje](#)
- ◆ [Sistemi vodenja kakovosti \(ISO 9001\)](#)
- ◆ [Sistemi varovanja okolja \(ISO 14001\)](#)
- ◆ [Zadovoljstvo strank, zaposlenih, dobaviteljev](#)

### BiArt

Informacijski portal za obvladovanje sistemov poslovanja



[POKUSITE DEMO VERZIJO](#)



### Hitri Kontakt



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# Future

- More dialects:
  - now Squeak and VisualWorks
  - GLASS (**G**emstone **L**inux **A**ida **S**wazoo **S**malltalk)
- more plugins
- more scriblets
- support for community web infrastructure
  - SPM - Squeak Project Manager
  - Squeak Code on the Web
  - Squeak website (proposal)