

tamino

StarOffice 6 & Tamino & non-xml indexing

technical presentation

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 **SOFTWARE AG**
THE XML COMPANY

- Motivation
- Concept
- Architecture
- StarOffice Client
- StarOffice Future Scenarios

MS Office vs. StarOffice?

■ Microsoft Office

- ◆ Office Package incl relational Database Access
- ◆ Share point Server (WebDAV based for collaboration)
- ◆ Indexing Server for text-retrieval based on document content
- ◆ OS
 - Windows only

■ Sun StarOffice

- ◆ Office Package incl. relational Database ADABAS D
- ◆ n/a
- ◆ n/a
- ◆ OS
 - Windows
 - Linux
 - Solaris

MS Office vs. StarOffice incl. Tamino

■ Microsoft Office

- ◆ Office Package incl. relational Database Access
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■ Sun StarOffice

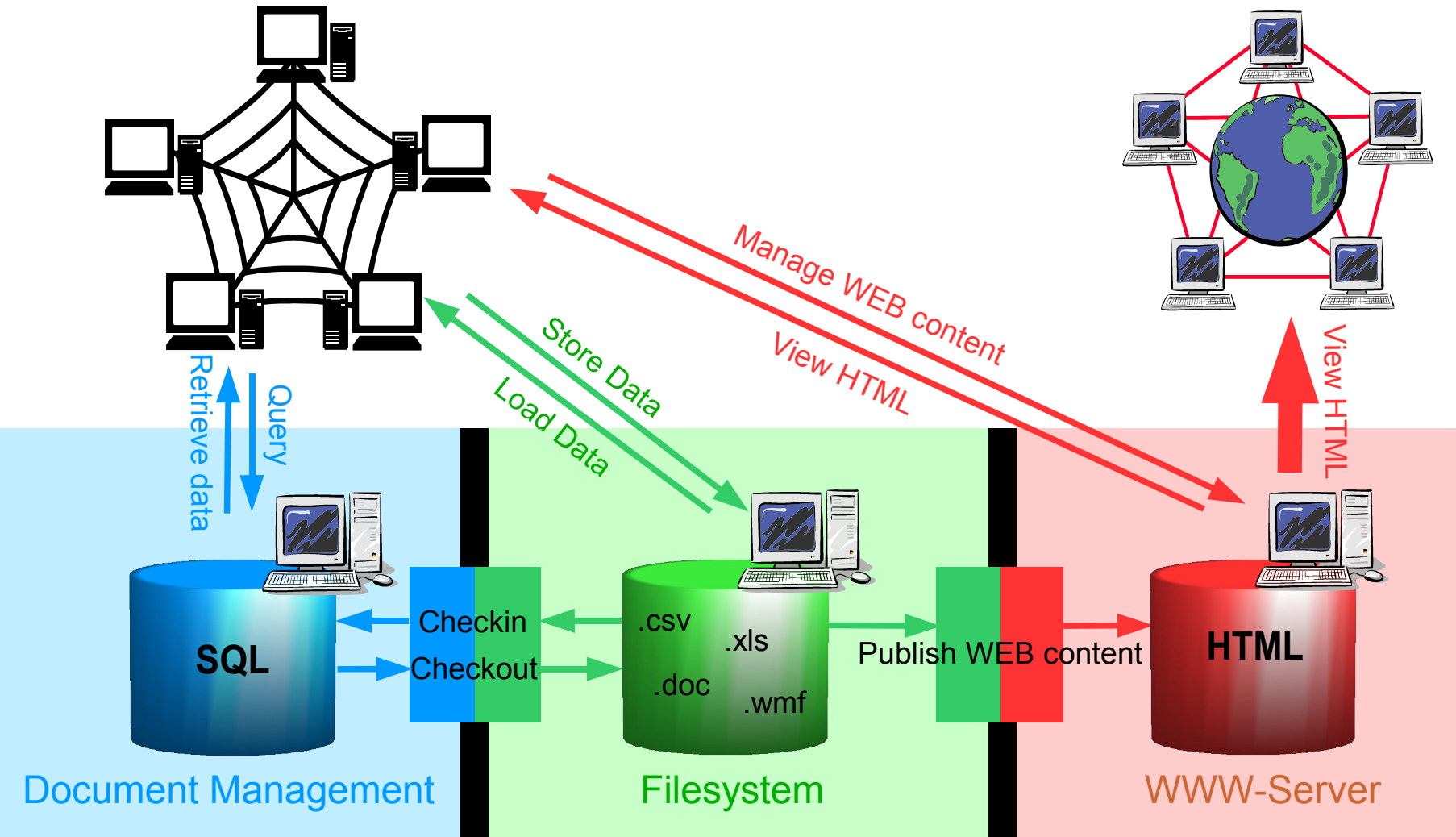
- ◆ Office Package incl. relational Database ADABAS D
- ◆ Tamino WebDAV Server
- ◆ Tamino XML Server
- ◆ OS
 - Windows
 - Linux
 - Solaris

**Full
Solution to
compete
against
Microsoft**

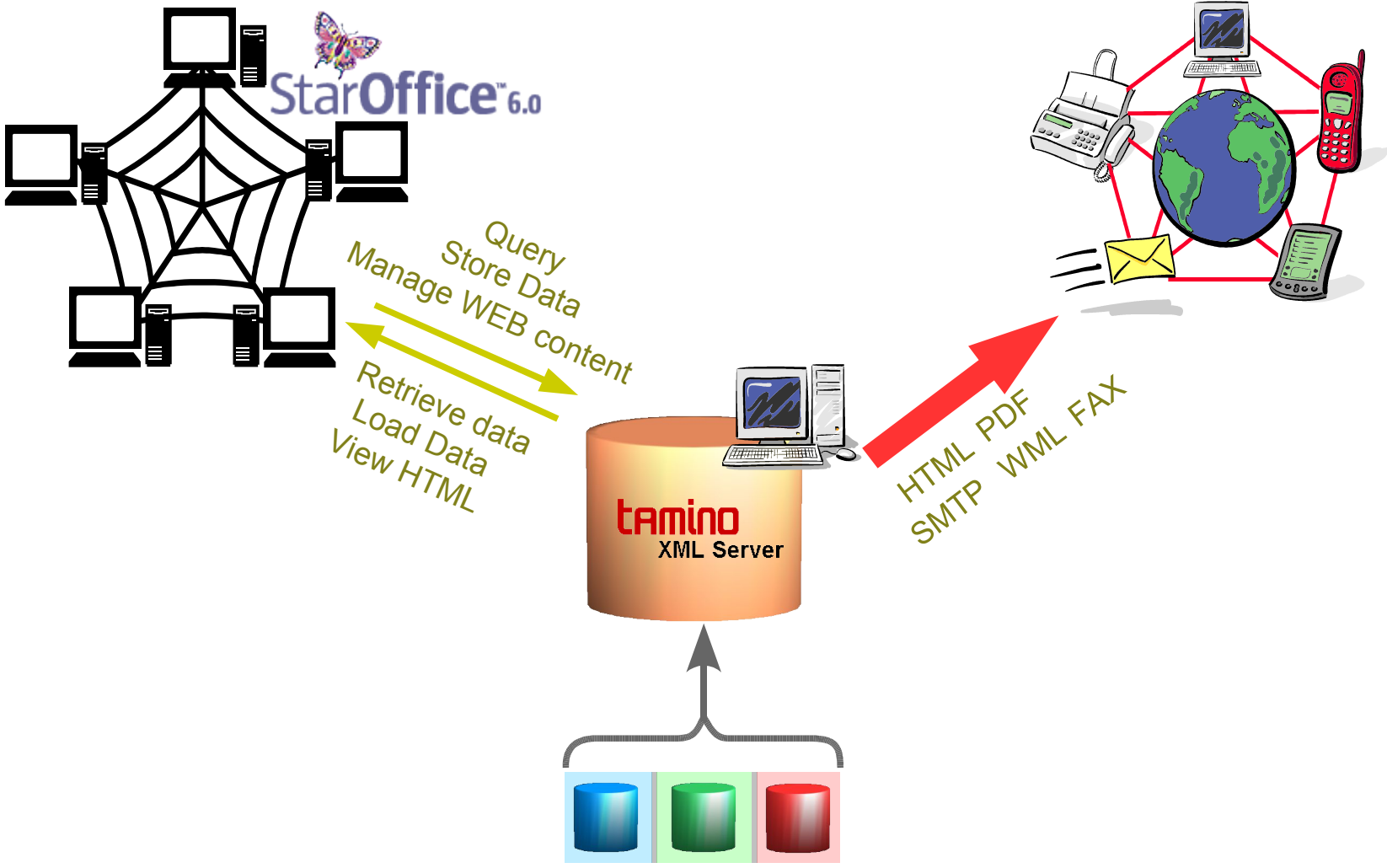
SUN's StarOffice & Tamino

- Offer a full office package solution
- Include features that are part of competitors offerings already
- Promote partnership SUN / Software AG
- Tamino XML Server for XML & SQL storage (SAG)
- Adabas D (personal edition with limitations) is part of the StarOffice 5.x package
- Adabas D (personal edition with limitations) will be part of the StarOffice 6.x package

Reducing Complexity

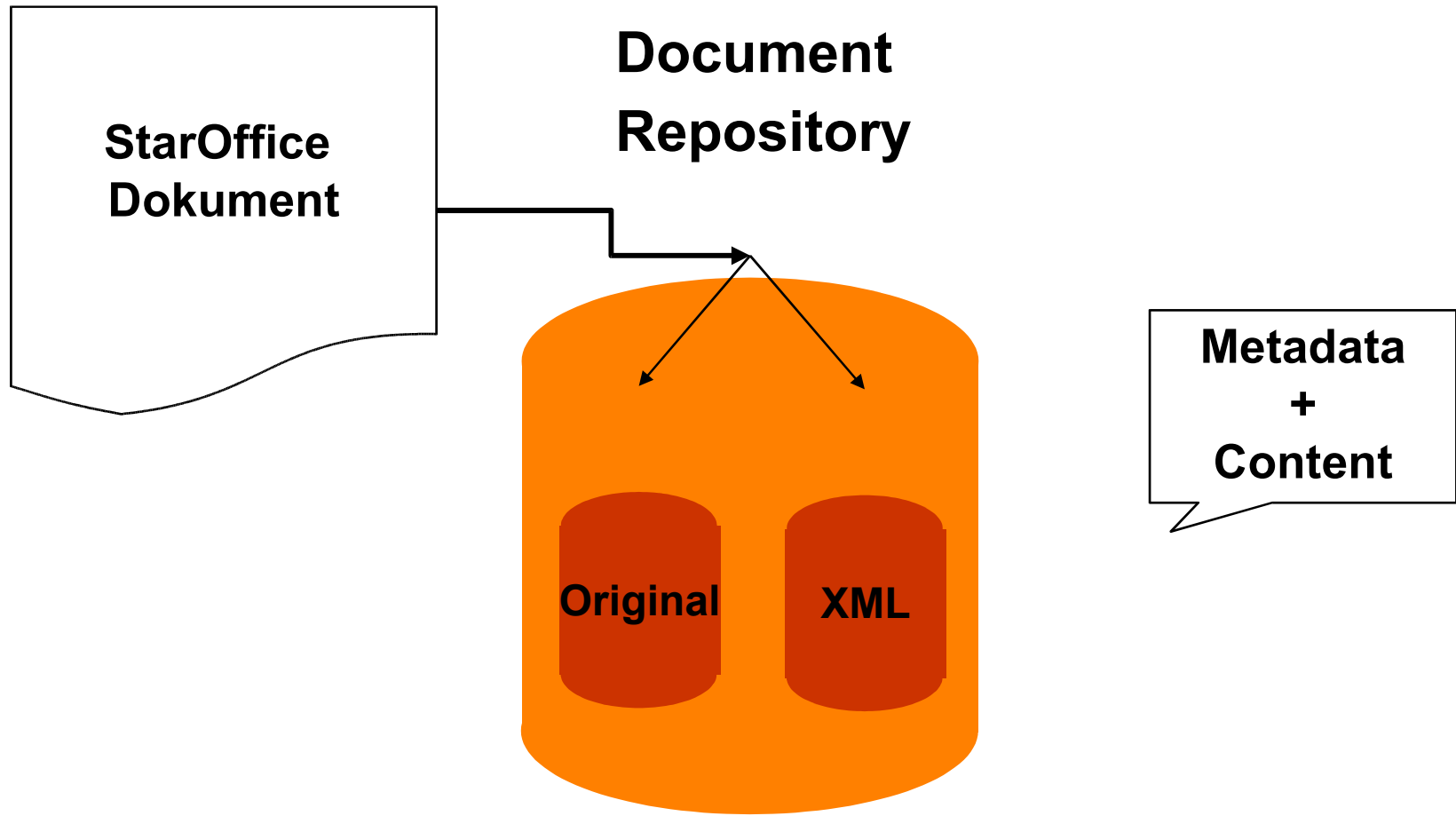


Reducing Complexity (2)



Concept:

Tamino **non-xml** indexing



Concept (2)

```
- <xdav_nonXML ino:id="1">
- <properties mimetype="application/vnd.sun.xml.writer">
+ <content>
- <meta>
  <initial-creator>christian campo</initial-creator>
  <last-author>christian campo</last-author>
  <language>de-DE</language>
  <lastmodified-date>2003-01-30T09:23:09</lastmodified-date>
  <generator>StarOffice 6.0 (Win32)</generator>
  <title>Cebit 2003</title>
  <keywords>Cebit 2003 SUN Staroffice</keywords>
- <office:document-meta office:version="1.0" xmlns:dc="http://purl.org/dc/elements/1.1/"
  xmlns:meta="http://openoffice.org/2000/meta"
  xmlns:office="http://openoffice.org/2000/office" xmlns:xlink="http://www.w3.org/1999/xlink">
- <office:meta>
  <meta:generator>StarOffice 6.0 (Win32)</meta:generator>
  <!-- 641k (Build:7733) -->
  <dc:title>Cebit 2003</dc:title>
  <meta:initial-creator>christian campo</meta:initial-creator>
  <meta:creation-date>2003-01-30T09:21:52</meta:creation-date>
  <dc:creator>christian campo</dc:creator>
  <dc:date>2003-01-30T09:23:09</dc:date>
- <meta:keywords>
  <meta:keyword>Cebit 2003 SUN Staroffice</meta:keyword>
</meta:keywords>
  <dc:language>de-DE</dc:language>
  <meta:editing-cycles>2</meta:editing-cycles>
  <meta:editing-duration>PT1M21S</meta:editing-duration>
  <meta:user-defined meta:name="Info 1" />
  <meta:user-defined meta:name="Info 2" />
  <meta:user-defined meta:name="Info 3" />
  <meta:user-defined meta:name="Info 4" />
```

(video)

- Make Dokument content and Meta Data „accessible“ via XML
- Gain (readonly) meta information from the StarOffice Dokument
- Use XQuery/DASL using the XML information to find and read non-XML content from Tamino
- Store non-XML and XML together
- Zero Learning Curve for Users: Access via File System (via WebDAV)

StarOffice: User View



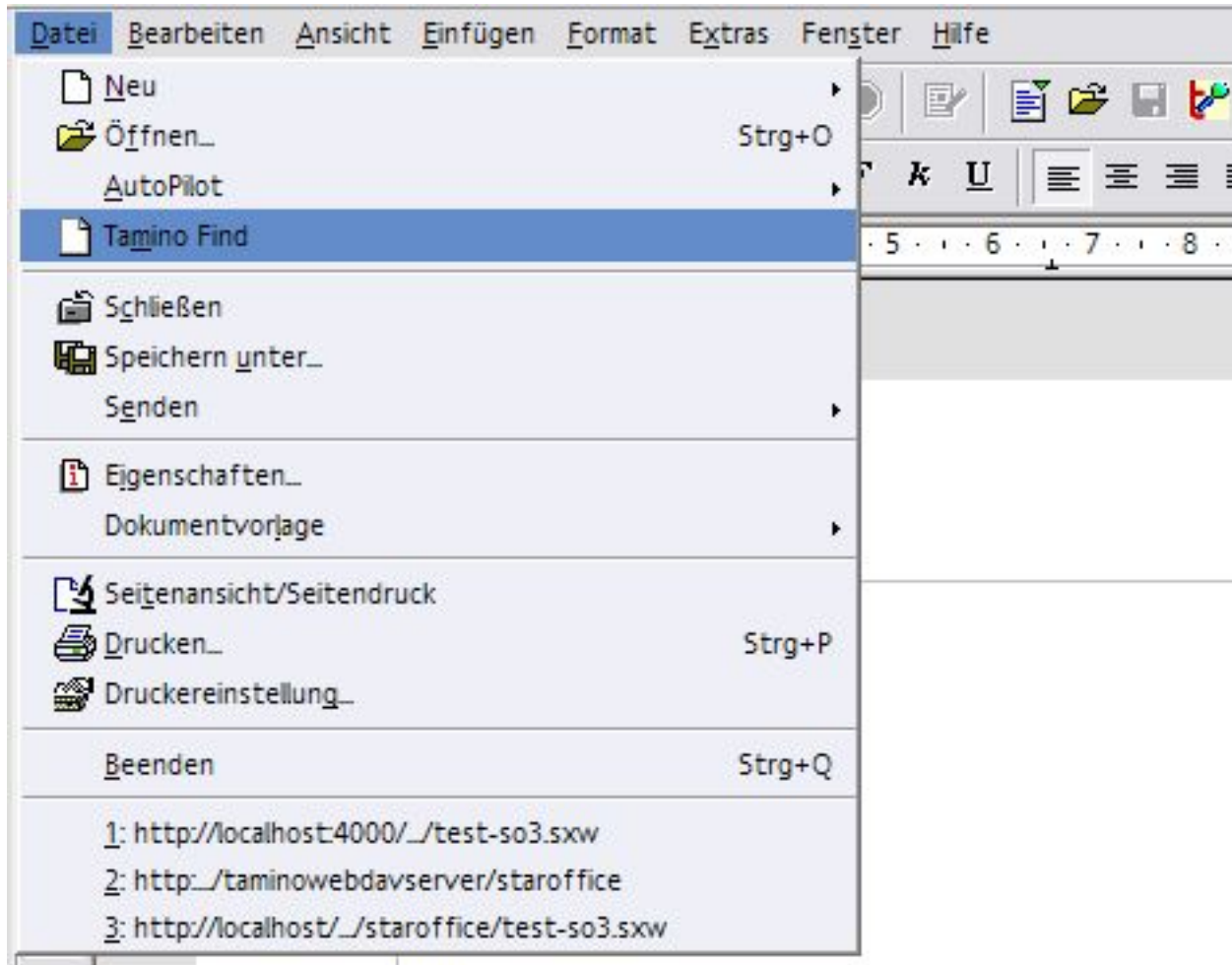
Demo

The screenshot shows a web browser window with the address bar containing `http://pccch3:4000/taminowebdavserver/staroffice`. The browser interface includes a menu bar (File, Edit, View, Favorites, Tools, Help), a toolbar with navigation buttons (Back, Forward, Home, Stop, Refresh), a search field, and a 'Go' button. The main content area displays a directory listing table with the following data:

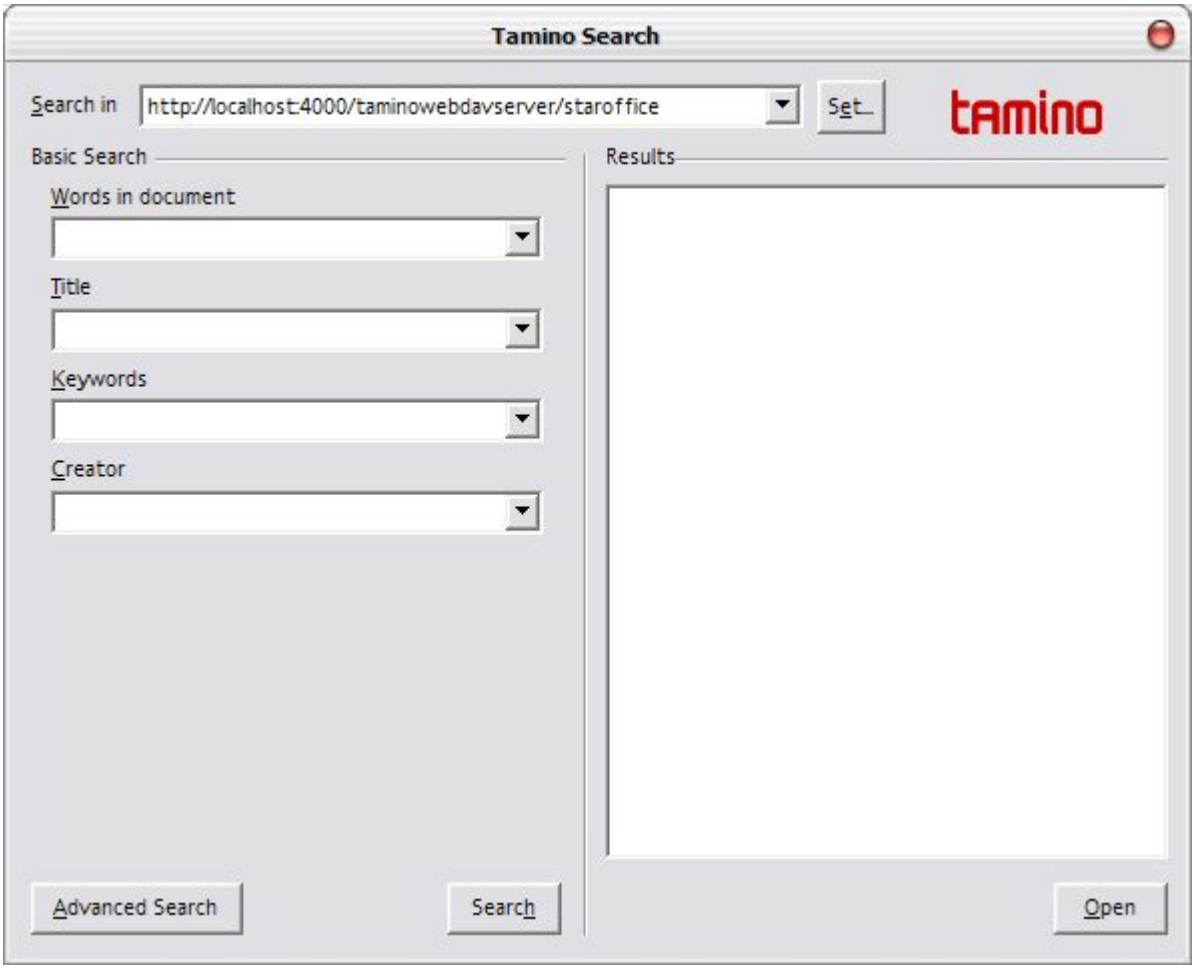
Name	Internet Address	Size	Type	Modified
cebit.sxw	http://pccch3:4000/taminowebdavserver/st...	4,87 KB	StarOffice 6.0 Text ...	06.02.2003 19:04
test-so3.sxw	http://pccch3:4000/taminowebdavserver/st...	4,94 KB	StarOffice 6.0 Text ...	12.02.2003 15:04
test-so2.sxw	http://pccch3:4000/taminowebdavserver/st...	4,94 KB	StarOffice 6.0 Text ...	06.02.2003 19:04
XML Database APIs.sxw	http://pccch3:4000/taminowebdavserver/st...	18,8 KB	StarOffice 6.0 Text ...	17.02.2003 19:37

On the left side of the browser window, there is a sidebar titled 'Other Places' containing links to 'taminowebdavserver on pccch3', 'My Documents', and 'My Network Places'.

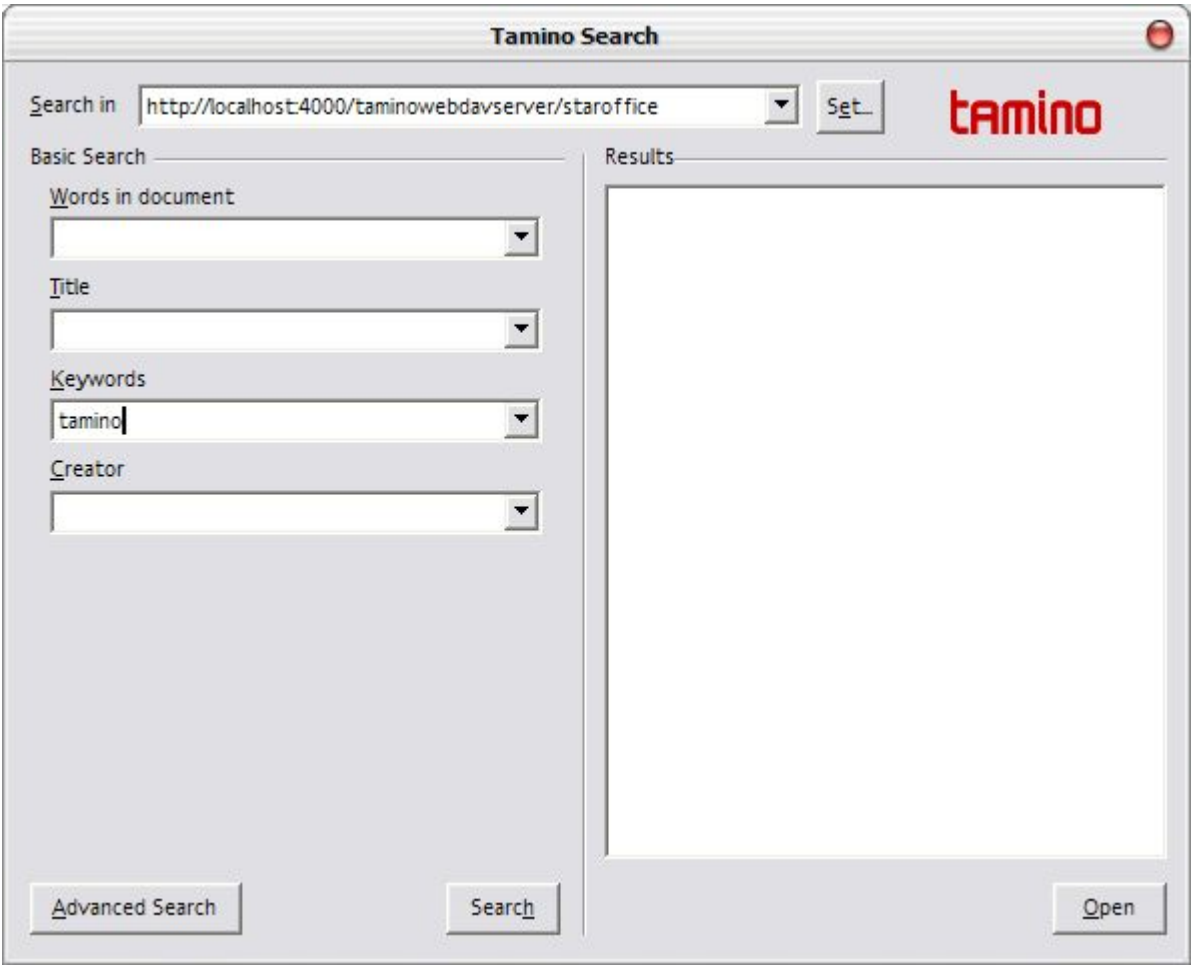
Demo



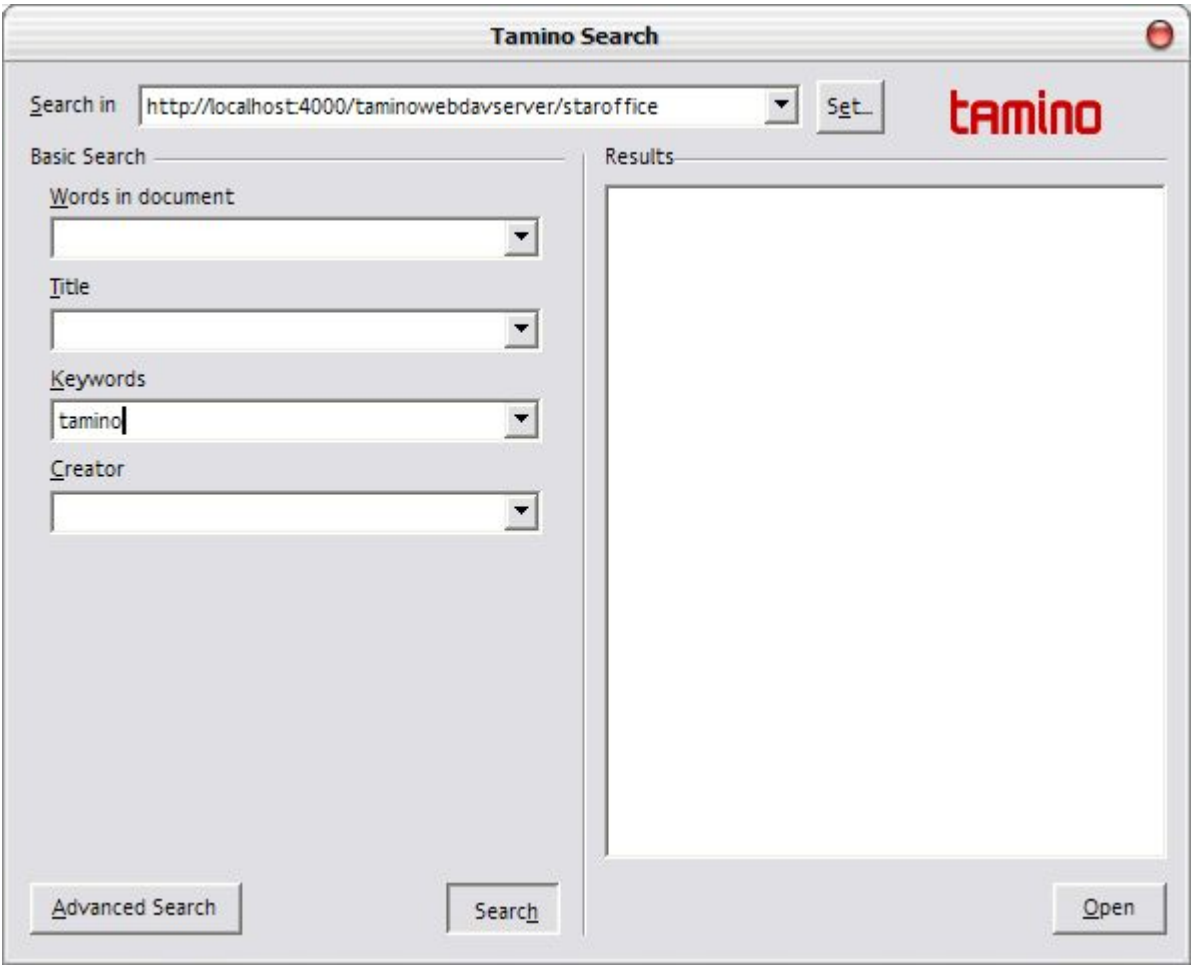
Demo



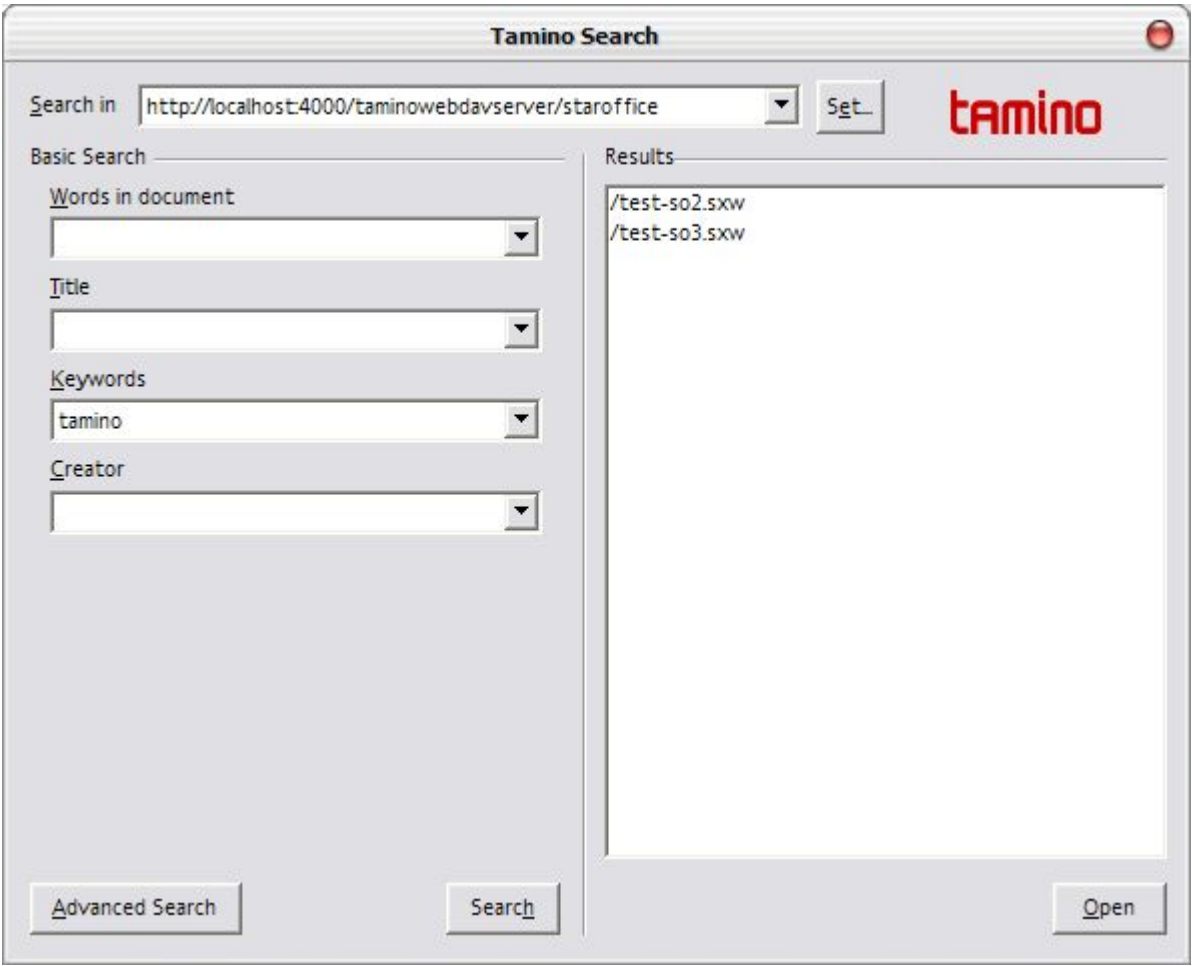
Demo



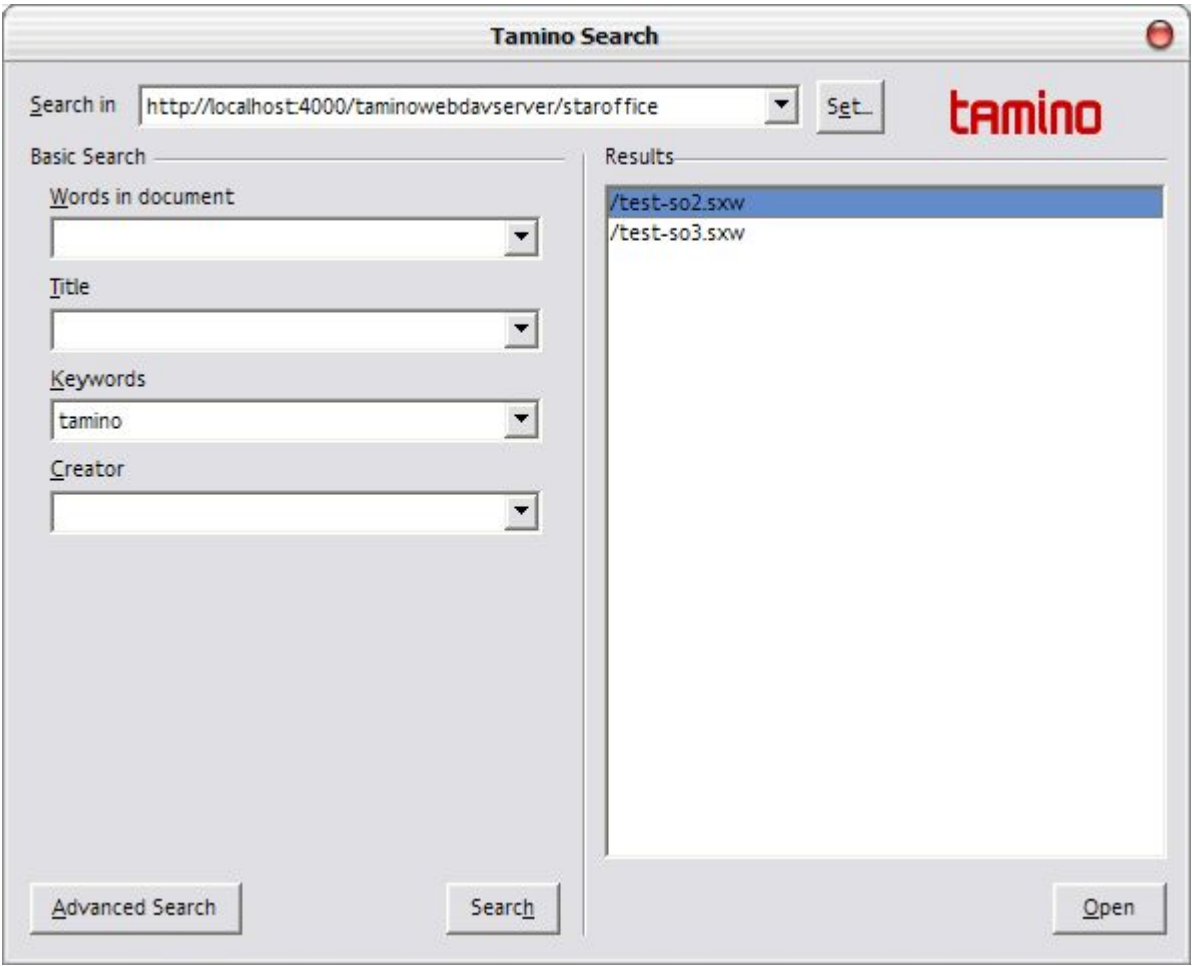
Demo



Demo



Demo

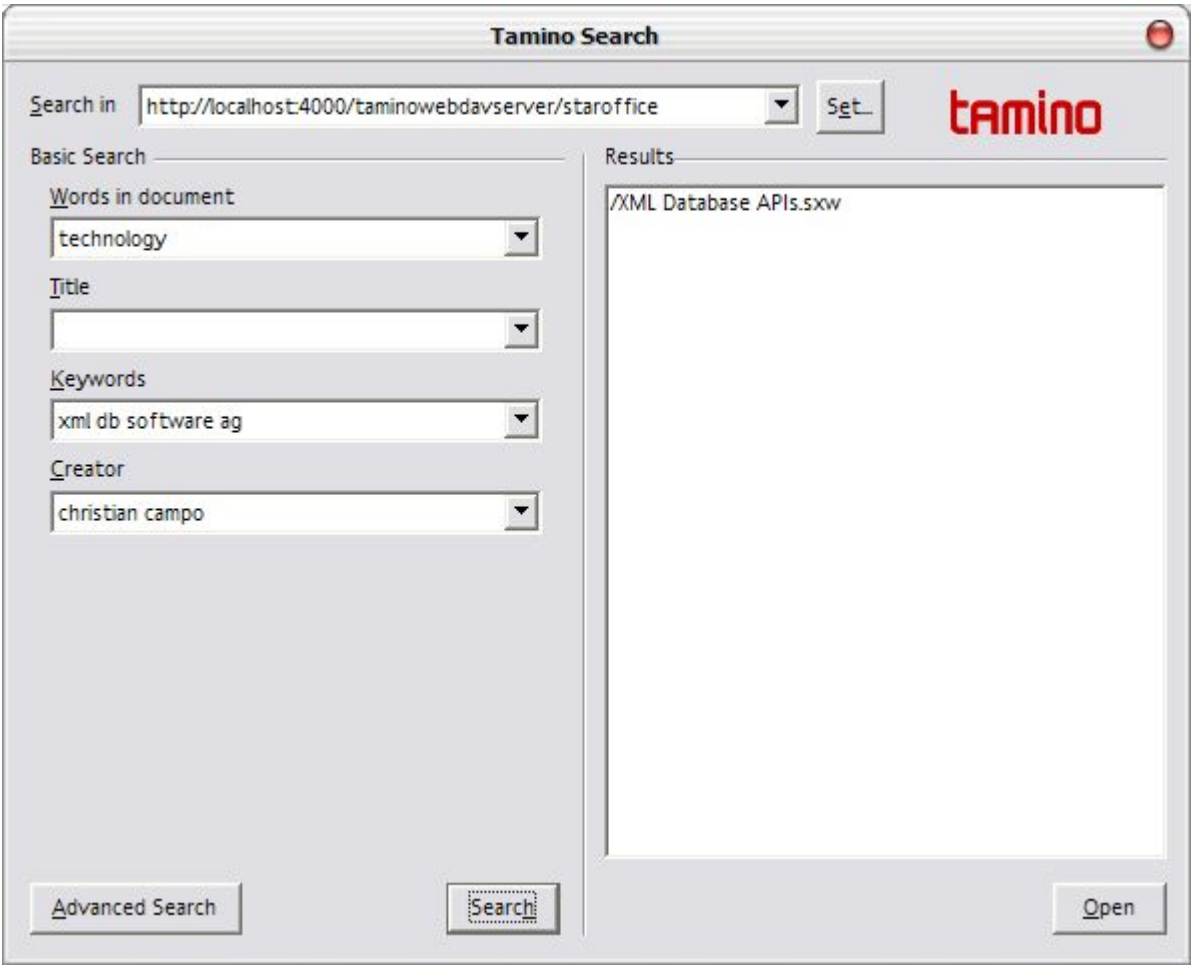


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Demo



Demo

The screenshot shows the 'Tamino Search' application window. At the top, the title bar reads 'Tamino Search'. Below the title bar, there is a search path field containing 'http://localhost:4000/taminowebdavserver/staroffice' and a 'Set...' button. To the right of the search path is the 'tamino' logo. The main interface is divided into two sections: 'Advanced Search' on the left and 'Results' on the right. The 'Advanced Search' section contains several dropdown menus: 'Property' set to 'Title', 'Condition' set to 'includes', and 'Value' set to 'xml'. Below these are radio buttons for 'And' (selected) and 'Or', along with 'Add', 'Remove', and 'Remove All' buttons. A text area below shows the constructed search query: 'Creator IS (EXACTLY) christian campo AND Initial Creator IS (EXACTLY) mike champion AND Keywords INCLUDES tamino AND Title INCLUDES xml'. At the bottom of the 'Advanced Search' section are 'Basic Search' and 'Search' buttons. The 'Results' section is currently empty. At the bottom right of the window is an 'Open' button.



Where do you want to go tomorrow ?

Standard non-xml XML schema

- One XML schema that fits all XML for all mimetypes
- Content and Metadata always in the same location
- Some standard fields in the metadata i.e. creator, last-modified, keywords, title etc.
- therefore you can query for a non-xml document independant of its mimetype if you stick with the standard metadata fields
- There is also a well-defined place for metadata that exceeds the standard
- Predefined Schema can be used in any other schema using import

`_xqI=.....[properties/meta/keywords~="Tamino"]`

Finds any non-xml document of any type that has at least one keyword Tamino specified.

The result could contain documents of type MS-Office, Staroffice, Pictures, Videos or any other type with that information.

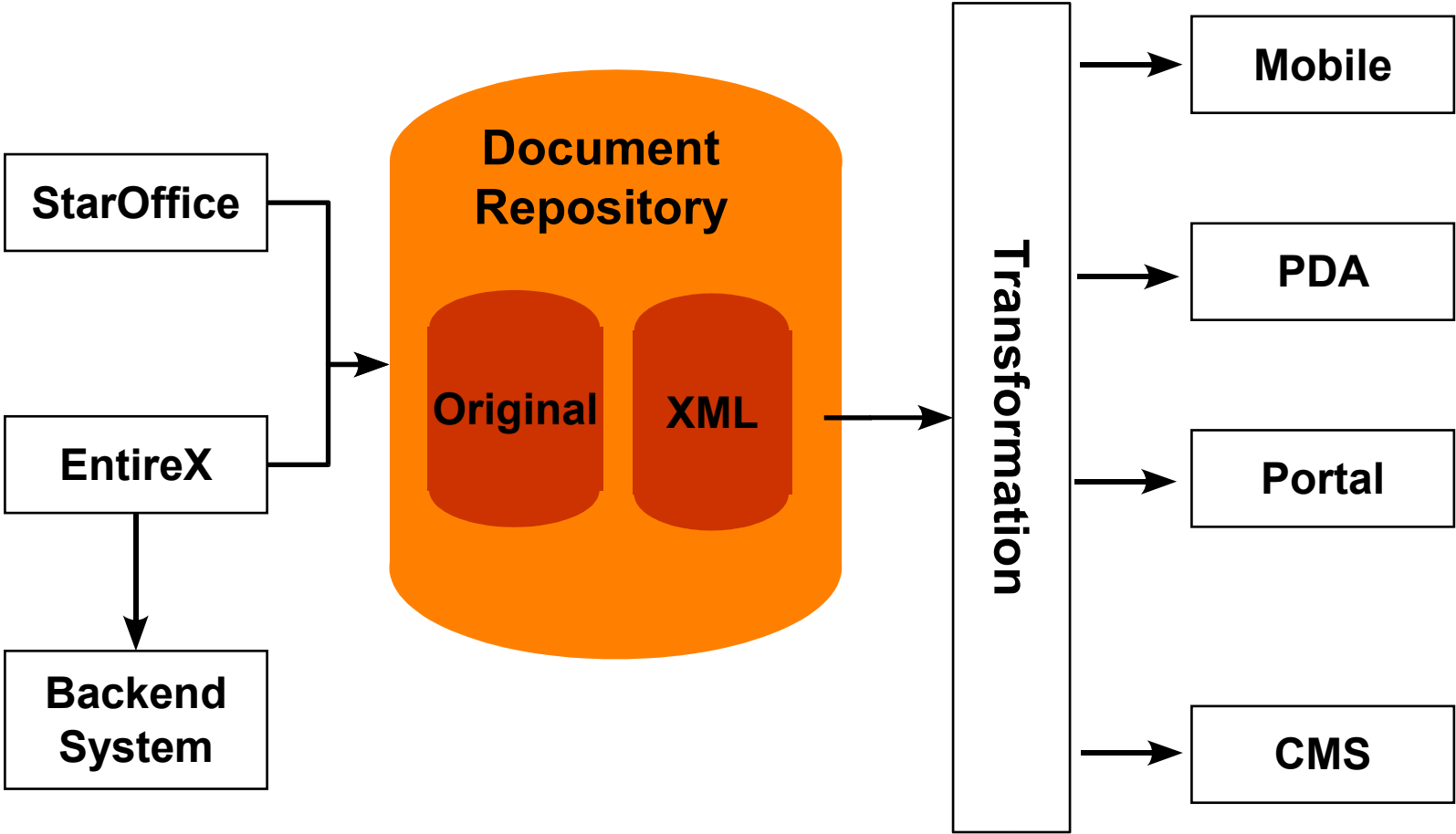
Possible Future StarOffice & Tamino (2)

??

- Document or Content Management
- publishing StarOffice content in different types of media („publish to anywhere“)
- use StarOffice with Tamino SQL
- Digital Signatures
- access to other data sources (ERP)
- building new documents from textblocks

Demo on Cebit and SUNs Hi Tech (San Francisco)

Future Scenarios



Future Scenarios Browser

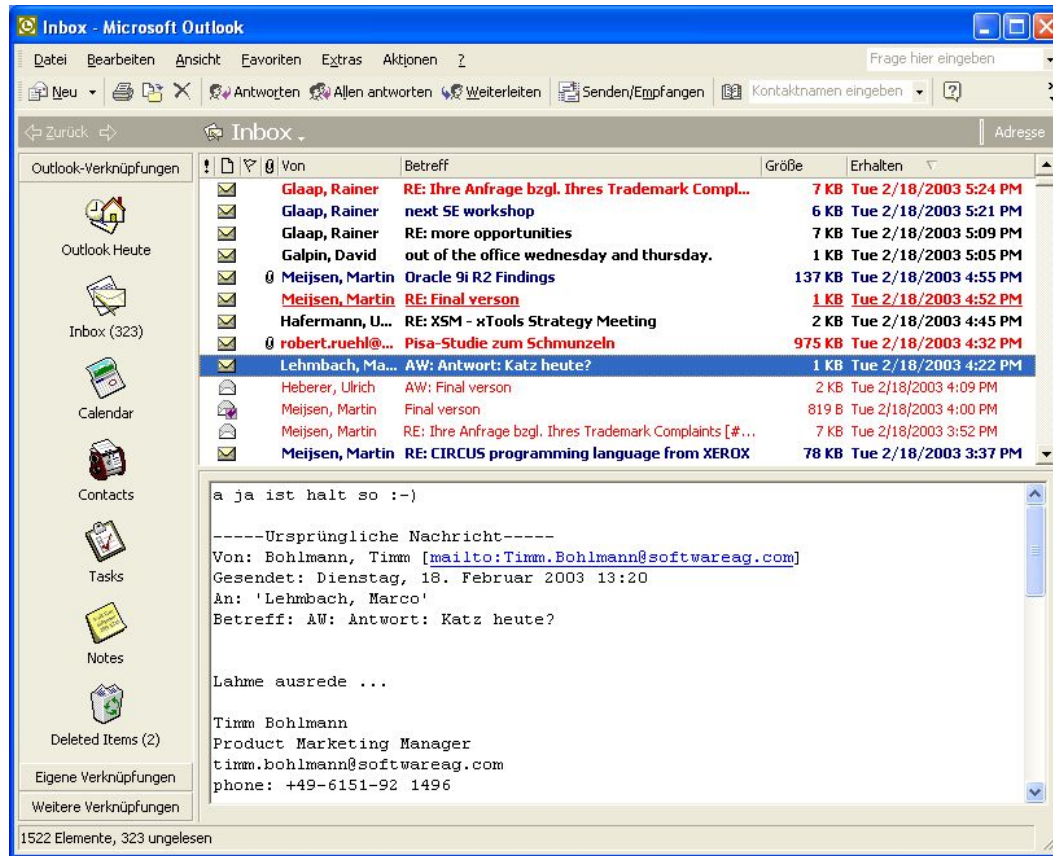
Search and
list
documents

Show
document
content

The screenshot shows the Tamino Intranet homepage in an Opera browser window. The browser's address bar displays the URL <http://tamino.software-ag.de/>. The page features a navigation menu at the top with options like 'Datei', 'Bearbeiten', 'Ansicht', 'Navigation', 'Lesezeichen', 'E-Mails', 'Diskussionsforen', 'Fenster', and 'Hilfe'. Below the navigation menu is a search bar and a 'Neu' button. The main content area is divided into three columns. The left column contains an 'INDEX' section with a search icon and a list of links including 'Home', 'Analysts', 'Artwork', 'Awards', 'Collateral', 'Community Newsletter', 'Community (TACO)', 'Competition', 'Customers/Partners', 'Demos', 'FAQ', 'Internetpage Tamino', 'Launch of 4.1', 'Must visit', 'Online Services', 'Opportunities', 'Pamina', 'Performance', 'Presentations', 'Press', 'Quotes', and 'R&D'. The middle column features the 'tamino XML Server' logo and the text 'Number One in XML Management'. Below this is a 'Definition' section with a description of the XML Server and a 'Value propositions' section with three bullet points. The right column contains a 'High Level Sales Information' section with links to 'Current Centra Training', 'Opportunities', 'Presentations', 'Press Kit Tamino 4.1', 'Roadmaps / Platforms', 'Value Propositions in HTML or .ppt', 'Snapshots', and 'Get more Sales Information...'. The browser window also shows a 'Thomas Cook' advertisement and a 'Jetzt Newsletter abonnieren und ...' banner.

Future Scenarios Document Browser

Topic
View



Title
Creator
etc.
(configurable)

Preview

Future Scenarios

Mobile Document Handling

- Search for a document via mobile Device
- start an action for the document
 - ◆ Show (parts) online
 - ◆ Send original via email/fax



- Text Components
- Create new Documents from existing ones

Get Content Management out of a Standard Office Package!