



Developing a Control System from a Divan Bed

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J. Stefan Institute and Cosylab Limited

PCaPAC 2002, Frascati October 2002

Agenda

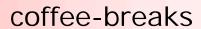
- working at home is effective
- project management tools
- sample project flow

Jožef Stefan Institute

Office vs. home

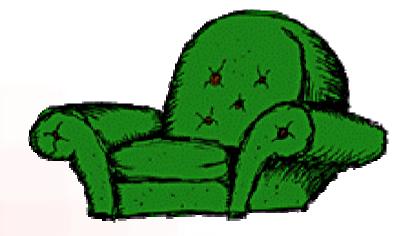


reappearing questions





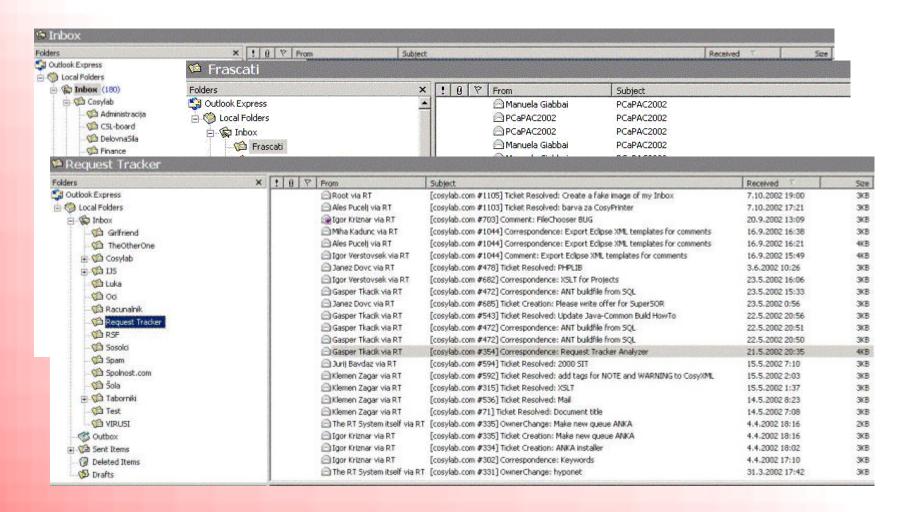
fixed workday



Can't you feel the reason?

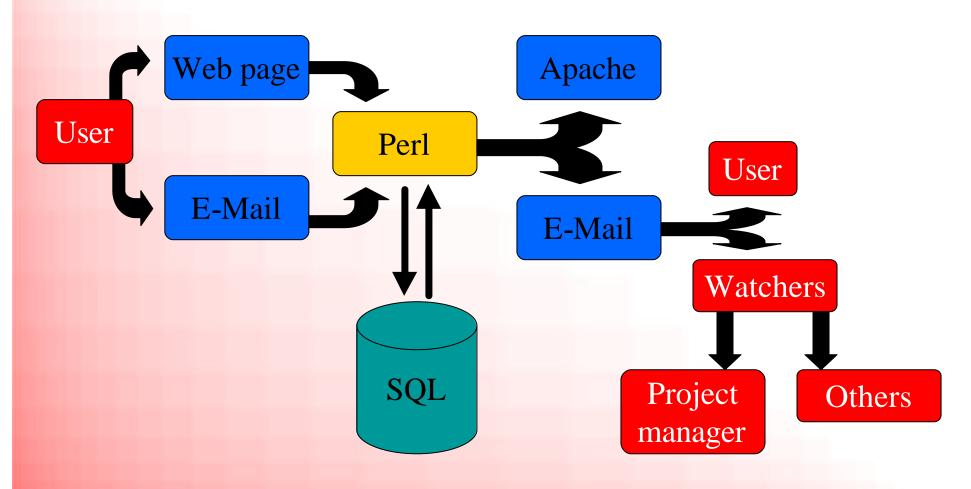


E-Mails



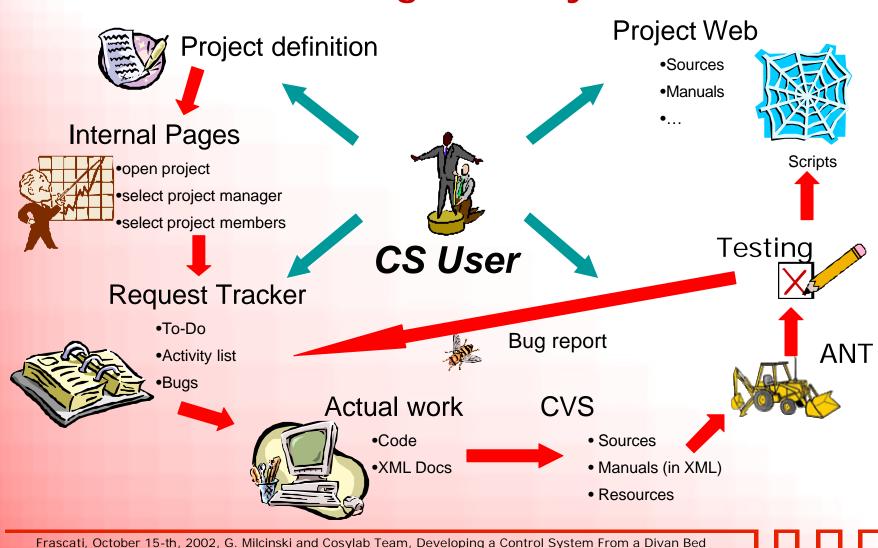


Request Tracker

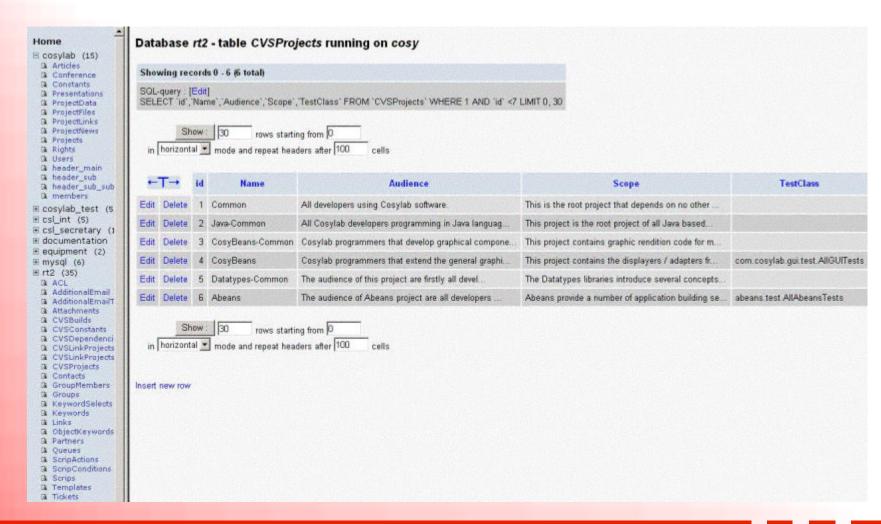




eManagement Cycle



All Data in MySQL



Best of Breed Tools

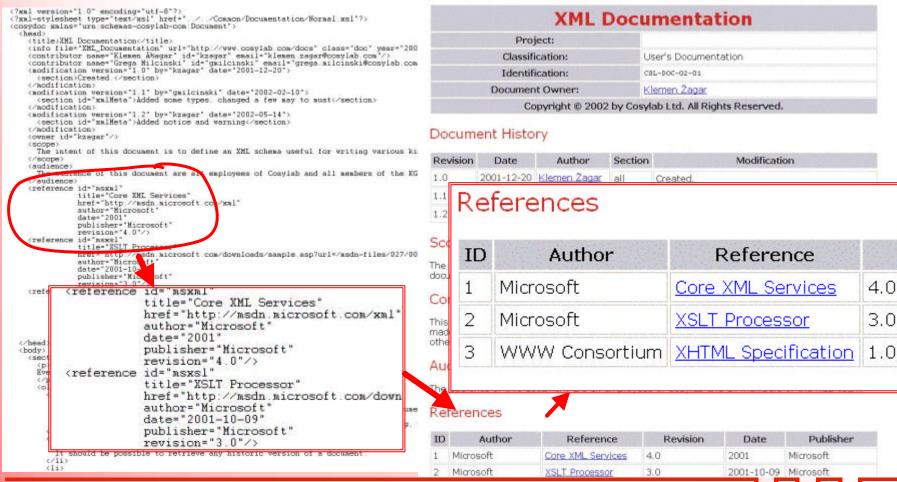
- all open source!
 - Apache Web server, PHP scripts
 - sympa mailing lists:
 - list@<project>.cosylab.com
 - eclipse: Java IDE with integrated CVS support
 - RT: to-do tickets and support/bug tracking
 - Web interface or bug@<project>.cosylab.com
 - ant: makefile in Java & XML (nightly build)
 - XML source –(XSL)-> html
 - CosyXML: no more MS-Word?
 - generated project pages



XML Documentation

Source

Result





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Internal Project Pages

CosyBeans-Common Classification: Project Documentation Author: Keyser Soze Date: 2002-09-23

Scope

This project contains graphic rendition code for most of the data displaying components produced by Ci general purpose GUI components missing in Swing libraries as well.

Audience

Cosylab programmers that develop graphical components for data representation and build framework graphical part of the application.

Developer Info

Developer	Mail	
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Distribution

Version	Туре	Description	Buildlog
0.0.37	nightly	Automatic build,	View

Dependencies

Version	Туре	Name	
1.0	3rdparty	Common Icon Library	
4.5.1	3rdparty	Straka Chart	
3.7	3rdparty	JUnit Testing Framework	
1.0	3rdparty	Table Layout Manager	
Latest	cosylab	Common	
Latest	cosylab	Java-Common	

Documentation

Exception Panel

The intent of this document is to present an overview of the exception panel component. This component is a CosyBeans-Common component used to display structured data present in exceptions.

CosyBeans-Common Project Overview

This documents shortly describes the contents of the CosyBeans-Common project.

About Dialog Documentation

This document describes the functionality and usage of

Cosy Chart Overview

The intent of this document is to make an overview of chart architecture and give some practical instructions for programmers.

About Dialog

This document briefly summarizes the features required of an About Dialog. An about dialog is a general purpose component for displaying application data, such as application name, vendor name, license information, system information and so on. The about dialog architecture must be flexible enough to enable the application programmer to insert specific data in the display.

CosyBeans-Common ToDo

The intent of this document is to specify a plan of the development of Java GUI for year 2002 and beyond. This document is concerned only with CosyBeans-Common project that contains generic, reusable GUI components. These components are independent of any framework, like the one contained in the CosyBeans project, where Displayers, Adapters and the like are defined.

Demo Applet

DemoApplet

Bugzilla

Submit a bug

Feature Request List

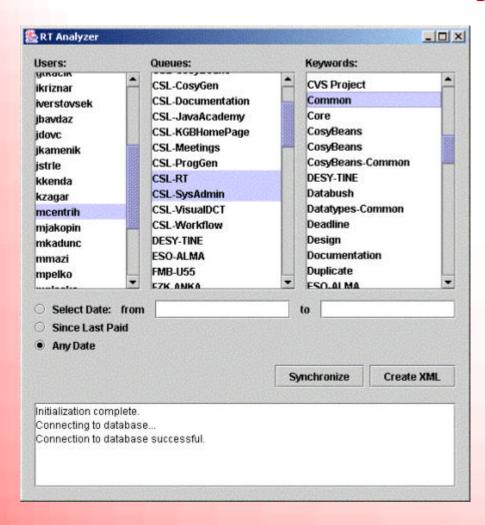
Submit a feature request

http://java.cosylab.com/builds/Cosytheans-Common/37/Documentation/DOC-Cosytheans-Common_Project_Overview.html

2 Inhernet



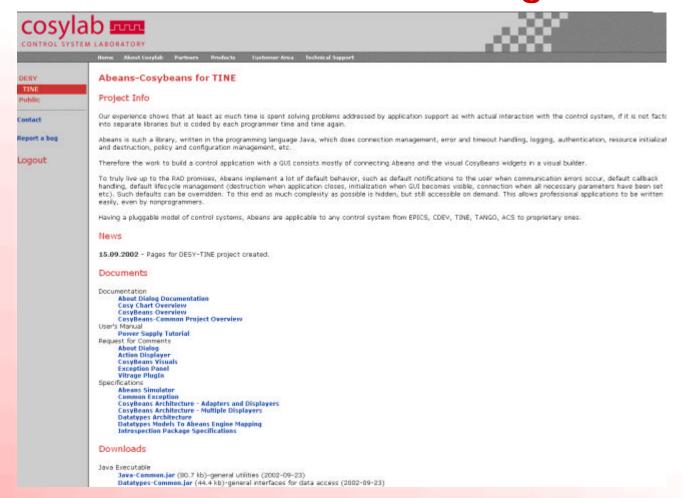
RT Analyzer



- ticket creation
- advanced searches
- activity log
- advanced to-do lists



Customer Area Web Pages



Conclusion

- every action is recorded
- well structured
- easy accessible
- side effects