

# Information Management

Project Status Report

June 13, 2006

A stylized, dark teal silhouette of a mountain range is located in the bottom right corner of the slide, extending from the right edge towards the center.

# Introduction

- ◆ Workflow
- ◆ CST Applications
- ◆ TAP
- ◆ Remedy
- ◆ Leave/Travel
- ◆ DocDB
- ◆ Conference/Meeting Management
- ◆ Organization Maintenance
- ◆ Completed Tasks
- ◆ New Responsibilities
- ◆ IM Project List in Plone

# Workflow Tool

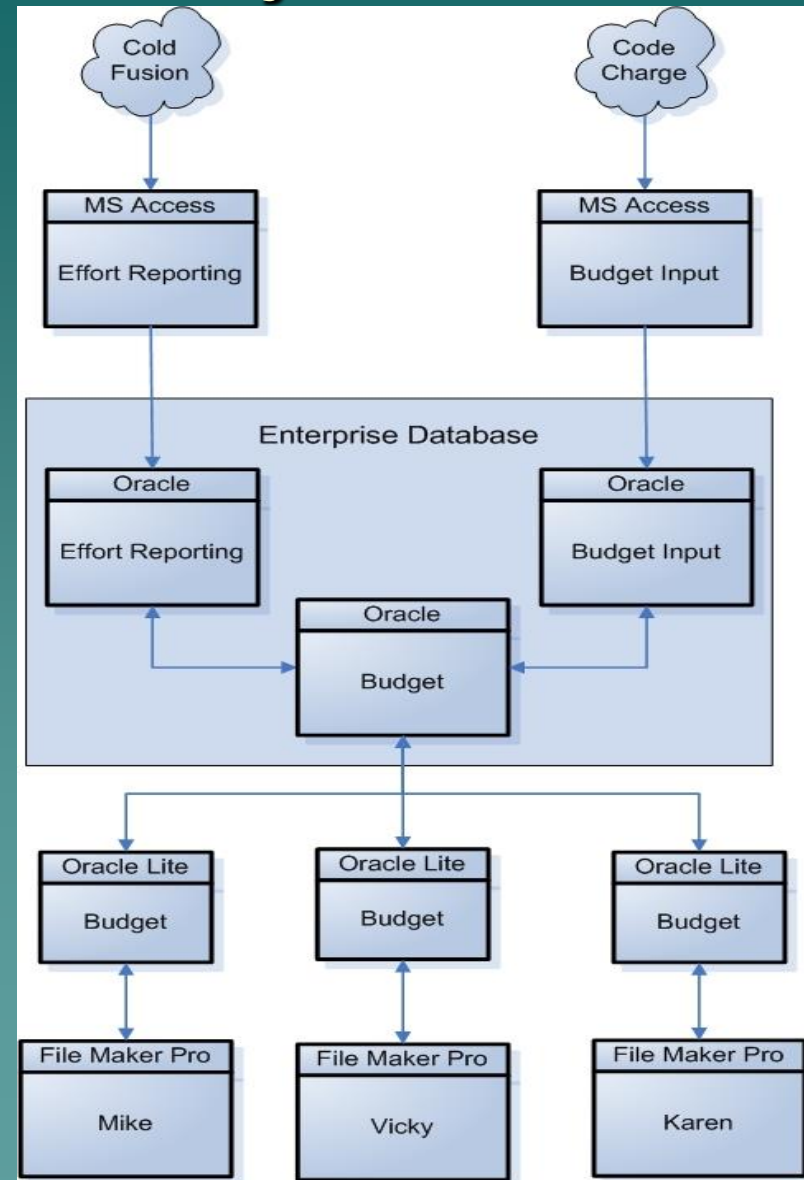
- ◆ AlphaFlow selected.
  - Plone plug-in
  - Open source
  - Supports all known workflow processes
  - XML based rules
  - Training
- ◆ Pilot: Leave/Travel requests
- ◆ Potential replacement for Matrix

# CST Applications

- ◆ FCIRT Ticket Tracking
  - Remedy-based
  - StrataCom Consulting
  - Email tracking portion is being tested
- ◆ Risk Analysis
  - Maintenance screens in production
  - Questionnaire progressing well

# Task, Activities & Projects


- ◆ Responsibility transferred to the IDS group
- ◆ Effort Reporting and Budget Input data syncing (one-way) from MS Access to Oracle repository
- ◆ Eliminate MS Access after the FY2007 budget input process
- ◆ Redesign if sufficient resources are available
- ◆ Oracle Workbench – a tool to convert non-Oracle databases to Oracle



# Remedy

- ◆ In sync with Footprints @ IU
  - Many thanks to Stan
- ◆ Rebuilding the HD form and CGI
  - Reorganizing the PTIs for better metrics
  - Automatic assignment based on PTI
  - Automated email processing to ease workload on helpdesk personnel
  - CGI to run on the central web server and it will not rely on any DB
- ◆ May revive the Knowledgebase
- ◆ Interface with MISJOB

# Leave / Travel

- ◆ First application to use AlphaFlow, which has slowed development while we traverse the learning curve
  - ◆ Phase I (simple leave requests) in user testing
  - ◆ Phase II (domestic travel) in beta testing
  - ◆ Use of Fermilab KCA Certificates is still an issue for some
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- A stylized teal mountain silhouette is located in the bottom right corner of the slide, partially overlapping the text area.

# Leave/Travel Requests

## Leave Usage Request System

**Matthew Arena**

[New Request](#)

[Personal Archived Requests](#)

[CD/CSS/IDS Archived Requests](#)

[AlphaFlow Page](#)

[Create Leave Request For Others](#)

**View Calendars**

[Personal](#)

[CD/CSS/IDS](#)

[CD/CSS](#)

[CD](#)

**Pending Leave Request List**

<u>Submit?</u>	<u>Status</u>	<u>Date</u>		<u>Delete?</u>
<input type="checkbox"/>	04/27/06	<u>05/01/06 - 05/12/06</u>	Vacation	<input type="checkbox"/>
	Submitted on 05/17/06	<u>05/22/06</u>	Vacation	<input type="checkbox"/>
	Submitted on 05/23/06	<u>05/29/06 - 05/31/06</u>	Jury Duty	<input type="checkbox"/>
<input type="checkbox"/>	04/27/06	<u>06/01/06 - 06/05/06</u>	Business	<input type="checkbox"/>

Process Change



Many users of this page will be using the **workflow** menu, above and to the right.

## Leave Req. for Norman Ho, 20-JUN-06

Workflow proxy object for the item linked here

[leave request](#)
[approve](#)
[deny](#)
[request info](#)
[details ...](#)


Absent Contact

Requester Comment

Start Date    End Date    Leave Type  
20-JUN-06    20-JUN-06    PERSONAL :: Business

[Previous](#)

June 2006

[Next](#)

Monday	Tuesday	Wednesday	Thursday	Friday
			1 ♦ <a href="#">H. Ho (JD) P</a> ♦ <a href="#">R. Thompson (B) P</a> ♦ <a href="#">S. Jones (V) P</a>	2 ♦ <a href="#">H. Ho (JD) P</a> ♦ <a href="#">R. Thompson (B) P</a> ♦ <a href="#">S. Jones (B) P</a>
5 ♦ <a href="#">H. Ho (B) P</a> ♦ <a href="#">R. Thompson (B) P</a> ♦ <a href="#">S. Jones (B) P</a>	6 ♦ <a href="#">H. Ho (B) P</a> ♦ <a href="#">R. Thompson (B) P</a> ♦ <a href="#">S. Jones (V) P</a>	7 ♦ <a href="#">H. Ho (B) P</a> ♦ <a href="#">S. Jones (V) P</a>	8 ♦ <a href="#">H. Ho (B) P</a> ♦ <a href="#">R. Thompson (B) P</a> ♦ <a href="#">S. Jones (V) P</a>	9 ♦ <a href="#">H. Ho (B) P</a> ♦ <a href="#">R. Thompson (V) P</a>
12 ♦ <a href="#">H. Ho (B) P</a>	13	14	15 ♦ <a href="#">H. Ho (B) P</a>	16 ♦ <a href="#">H. Ho (B) P</a>
19 ♦ <a href="#">H. Ho (B) P</a>	20 ♦ <a href="#">H. Ho (B) P</a>	21	22	23
26	27	28	29	30

\* **P**:- Pending Request Without Approval

\* Leave Types:

Personal Leave

Domestic Business

Foreign Business

B: Business

DC: Conference

FC: Conference

DIF: Death In Family

DM: Meeting

FM: Meeting

FH: Floating Holiday

DW: Workshop

FW: Workshop

# DocDB

- ◆ Code moved to SourceForge – issue tracking, feature request tracking
- ◆ 8 New instances of DocDB
  - CD, Dark Energy Survey, LArTPC, MINOS, MINERvA,, NFMCC, NOVA, Fermilab Projects
- ◆ New Features
  - cross-searching on other DocDB installations
  - Google-like search function
  - Calendar of events
  - Many changes to meeting administration (as a result of feedback from Admin group)

# DocDB

## ◆ Issues

### – Scalability

- ◆ each instance requires its own virtual host
- ◆ each instance has its own set of configuration files

### – Long-term Support

### – Certificate use

- ◆ many, particularly those from outside CD, are resistant to the possibility of requiring certificate authentication

# DocDB

## ◆ Future Plans

- Arbitrary topic hierarchies
- A DocDB Working Group has been formed to evaluate further needs

# Conference/Meeting Management

## ◆ SPMS

- Registration module completed and in use at EPAC06
- Still no good documentation
  - ◆ CERN hopes to start this after EPAC06
  - ◆ perhaps CDO can contribute

## ◆ InDiCo

- CD is running an instance for Fermilab
- Investigating integration with DocDB

## ◆ How do we interest the PPD Conference Office?

# Organization Maintenance

- ◆ Used by AlphaFlow to determine workflow and alternate approvers
  - ESHTRK used to determine Organizational Roles
  - MISCOMP used to determine Functional Roles
    - ◆ Budget Officer, Safety Officer
- ◆ ESHTRK
  - Tracks deputy, associates and assistants
  - Tracks organization type
  - Tracks parenthetical membership
  - Online org chart reflect new features
  - Export to Org Chart Plus software
  - Syncs to MISCOMP
  - Example ESHTRK Organization Chart
- ◆ Precursor for replacing Matrix

# Miscellaneous

- ◆ Capture and track Grid certificates for authentication in addition to Fermilab KCA certificates
- ◆ EquipDB updates for CDF
- ◆ Automation of User Accounts
  - creation and termination of accounts
  - CST SysAdminDB
  - subscribe/unsubscribe to/from group level mailing lists based on Org Chart


# Completed Tasks

Not a Complete List

- ◆ Oracle iAS upgrade and migration
  - iAS 10g
  - New hardware, separated from DB
- ◆ PL/SQL API wrapper
  - Python, Java & Perl
- ◆ Remote accounts
- ◆ Support for multiple VOs (IU)
- ◆ User DB conversion to Oracle



# New Responsibilities

- ◆ System Status Page framework
  - ◆ DocDB
    - Administration still with CDO
    - Integration with InDiCo
    - Integration with SPMS
  - ◆ Budget Input Application
  - ◆ Effort Reporting
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