National Aeronautics and
Space Administration

Jet Propulsion Laboratory
California Institute of Technology
Pasadena, California

Harvest 5 CM Upgrade

Overview and Features

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Jet Propulsion Laboratory

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Purpose of Harvest 5 Upgrade

- **Web interface will make it easier for scientists at other institutions to access Harvest**
  - Create packages
  - Add Analysis
- **Files can now be viewed from within Harvest – no check-out required**
- **Making updates is easier with the new check-in/check-out processes**

Contact List

- Vicky Myers — CM Administrator
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- Evan Manning — Systems Engineer
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- Steve Friedman — Task Manager
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Agenda

HARVEST WEBSITE

- **Login** to Harweb Workbench from URL: http://airscm.jpl.nasa.gov:8080/harweb
- **Enter your user name and password.**

If you do not have one, contact your CM Engineer.

AIRS Software Change Control Board

- **With the Harvest 5 upgrade, the CCB looks forward to more science team participation including:**
  - Generating and submitting packages
  - Participating in package review
  - Adhering to defined process flows for CM
- **All packages are reviewed by the CCB at each "CM gate"**
  - Packages must be approved before they are promoted to the development environment
  - If a package needs more analysis it is promoted to the Analysis state
  - If a package is rejected it is demoted to the rejected state
  - When approved, the package is promoted to the development environment for updates. The developer will be notified by email

AIRS Software Change Control Board (cont'd.)

- **You can control which Harvest status messages you receive.**
- **Contact the AIRS Configuration Manager to subscribe or unsubscribe to automated notifications:**
  - Package Submissions
  - Package Promotions and demotions
  - File Checkouts
- **Can subscribe by subsystem (Level-2, Level-3, etc.)**

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AIRS
Atmospheric Infrared Sounder
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AIRS Problem Tracking Screen

Project:
AIRS_Problem_Tracking

State:
Submitted

Package:
N/A

Default View Path:
N/A

Default Client Dir:
N/A

User:
harvest

Broker:
airscm

Context History

AIRS_Problem_Tracking Submitted

AIRS_Env Dev

Project: AIRS_Problem_Tracking

State: Submitted

View: N/A

Package: -Please Select-

Default View Path: N/A

Default Client Machine: N/A

Default Client User Name: N/A

Default Client Password: ****

Default Client Directory: N/A

OK

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AIRS Atmospheric Infrared Sounder

Documentation and Support

Netscape

File Edit View Go Bookmarks Tools Window Help

Back Forward Reload Stop http://airscm:8080/harweb/harweb/Home_ Search Print

Mail AIM Home Radio Netscape Search Bookmarks

http://airscm:808..rweb/Home_JSP.jsp

AllFusion Harvest Change Manager

Enterprise Change and Configuration Management

LOGIN

Information

CM Documentation

- NEW JPL Harweb Interface Guide for CM: HTML Format
- NEW JPL Harweb Interface Guide for CM: PDF Format
- NEW JPL Forms Manual for Harweb and PC Clients: HTML Format
- NEW JPL Forms Manual for Harweb and PC Clients: PDF Format
- Harweb Admin Documentation: HTML Format
- Agent Install Readme: HTML Format
- Message Guide: HTML Format

AIRS CM Web Pages

- Put CM web page links here

Webmaster:Carole David

Document: Done (0.242 secs)

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Logging In

Netscape

File Edit View Go Bookmarks Tools Window Help

Back Forward Reload Stop http://airscm:8080/harweb/servlet/harweb.H Search Print

Mail AIM Home Radio Netscape Search Bookmarks

http://airscm:8080...rvlet/harweb.Home

AllFusion Harvest Change Manager

Enterprise Change and Configuration Management

Welcome! Please Login

Broker Name: airscm

User Name:

harvest

Password:

Administrator Workbench

OK

Information

Developers and Testers Documentation

- JPL Harweb Interface Guide for Developer and Testers: HTML Format
- JPL Harweb Interface Guide for Developer and Testers: PDF Format
- JPL Harweb/Tutorial: PDF Format
- Harweb WorkBench Documentation: HTML Format
- Message Guide: HTML Format

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Create a Package

Netscape

File Edit View Go Bookmarks Tools Window Help

Back Forward Reload Stop http://airscm:8080/harweb/servlet/h Search Print

Mail AIM Home Radio Netscape Search Bookmarks

http://airscm:808...MD=CreatePackage

AllFusion Harvest Change Manager

PROJECT | PACKAGE | FORM | VIEW | FILE | LOGOUT SEARCH Package

Find Packages Package Group My Packages HELP Package List Package Group List Create Package Create

Current Context

Project: AIRS_Problem_Tracking

State: Submitted

Package: N/A

Default View Path: N/A

Default Client Dir: N/A

User: harvest

Broker:

Create Package

Create Package Process : Submit AR

Package Name AR-%N('099999MI')

Assignee evan

OK CANCEL

Document: Done (0.56 secs)

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Package Creation – Filling in the Description

Form Name: AR-L2-Fix-Everything

Description | Analysis | CCB | Resolution

Originator: Evan

Date: 05/02/05 Enter as MM/DD/YYYY

Title: Fix Level2

Build Problem Identified: V4.1.0

Description:

```
Nothing works right
```

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Package Creation – Analysis

Form Name: AR-L2-Fix-Everything

Description | Analysis | CCB | Resolution

Reviewer: Sung-Yung Lee

Subsystem: I2

Other Subsystems:

Assessment: We have to turbo charge the what's it

Benefit: It will be better

Risk: Might be slower

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Package Creation – CCB Comments

Form Name: AR-L2-Fix-Everything

Description | Analysis | CCB | Resolution | Operational Test

CCB Representative: Sung-Yung Lee

Planned Release: <-No Selection->

CCB Member Recommendation:

Needs more analysis for what's it

2005-05-02:More analysis

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Package Creation – Record what YOU did

Form Name: AR-L2-Fix-Everything

Description | Analysis | CCB | Resolution | Operational Test

Developer: Evan

Release: <- No Selection ->

Actual Days to Implement: 4

Developer Comments:

Had to change 3 files X, Y and Z

Test Results:

Passed.

No change in baseline regression test.

Test case 05/05/05 granule-005 profile 13 temperature now within limits.

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Package Creation – Test Reporting

Form Name AR-L2-Fix-Everything

Description | Analysis | CCB | Resolution | Operational Test

Tester Joe

Ops Test Date Enter as MM/DD/YYYY

Ops Test Status <-No Selection->

Ops Test omments

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Navigating the Tree

AllFusion Harvest Change Manager

PROJECT | PACKAGE | FORM | VIEW | FILE | LOGOUT SEARCH:

View Navigate Find Version HELP

Current Context

Project:
AIRS_Env

State:
Dev

Package:
AR-VICKYNEW

Default View Path:
\AIRS_TESTREP\scrwrk

Default Client Dir:
/home/harvest5/work

User:
harvest

Broker:
airscm

Context History

IRS_Env Dev

View Navigate

Item Process -Please Select-

Itempath Process -Please Select-

NEW

View Path: \AIRS_TESTREP\scrwrk

Name	Type	Modified Time
Upper directory		

IserData | Grabbit 2 | 3 Netscape | Vicky_SciTeam_Temp... | 11:59 AM

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Package Lists

AllFusion Harvest Change Manager

PROJECT | PACKAGE | FORM | VIEW | FILE | LOGOUT SEARCH: Package

Find Packages | My Packages | Package List | Package Group List | Create Package | Create Package Group | HELP

Current Context

Project: AIRS_Env

State: Dev

Package: AR-VICKYNEW

Default View Path: \AIRS_TESTREP\scrwrk

Default Client Dir: /home/harvest5/work

User: harvest

Broker: airscm

Package List

Package Filter

DELETE

Process -Please Select- EXEC

Package Name	Assignee	Modified By	Modified Time	Created By	Creation Time
AR-VICKYNEW	vickym	harvest	4/6/05 7:05 PM	harvest	4/6/05 7:05 PM
AR-xx		harvest	4/28/05 6:29 PM	harvest	4/28/05 6:29 PM
AR-xx6		harvest5	4/28/05 7:29 PM	harvest5	4/28/05 7:29 PM
AR-xxx6		harvest5	4/28/05 7:50 PM	harvest5	4/28/05 7:50 PM
Ar-xxx4		harvest5	4/28/05 7:22 PM	harvest5	4/28/05 7:22 PM
Ar-xxx7		harvest5	4/28/05 7:54 PM	harvest5	4/28/05 7:54 PM
CR-10002	harvest	harvest	4/27/05 5:49 PM	harvest	4/27/05 5:49 PM
IM- 000001		harvest	4/20/05 10:54 PM	harvest	4/20/05 10:54 PM
NR-richtest	harvest	harvest	4/26/05 11:56 PM	harvest	4/26/05 11:56 PM