

Project Status

Version Releases

KNSG eAirs 1.1 alpha release (April 6, 2011)

This is the 1.1 alpha release of eAIRS, we are testing new features with the addition of the Tupelo Repository. You will need to download both eAIRS and the ContextServer application to setup a tupelo context that will be the repository.

Downloads - eAIRS

Operating System	Window System	Architecture	Link
Linux	GTK	x86	Download
Linux	GTK	x86_64	Download
Windows	Windows	x86	Download
Windows	Windows	x86_64	Download

Downloads - Context Server

Operating System	Window System	Architecture	Link
Linux	GTK	x86	Download
Linux	GTK	x86_64	Download
Windows	Windows	x86	Download
Windows	Windows	x86_64	Download
Linux	Headless	x86	Download
Linux	Headless	x86_64	Download
Windows	Headless	x86	Download
Windows	Headless	x86_64	Download

KNSG eAirs v1.0.0 release (October 29, 2010)

This is the 1.0 release of eAIRS

Downloads

Operating System	Window System	Architecture	Link
Linux	GTK	x86	Download
Linux	GTK	x86_64	Download
Windows	Windows	x86	Download
Windows	Windows	x86_64	Download
MacOSX	Carbon	x86	Download
MacOSX	Cocoa	x86	Download
MacOSX	Cocoa	x86_64	Download

Release notes

KNSG eAirs v0.8.0 release (October 1, 2010)

This release includes the ability to automatically retrieve result files from eAIRS workflows as well as some usability updates. See the release notes for more details.

Downloads

Operating System	Window System	Architecture	Link
Linux	GTK	x86	Download
Linux	GTK	x86_64	Download
Windows	Windows	x86	Download
Windows	Windows	x86_64	Download
MacOSX	Carbon	x86	Download
MacOSX	Cocoa	x86	Download
MacOSX	Cocoa	x86_64	Download

Release notes

KNSG eAirs v0.7.0 release (September 17, 2010)

This release includes a few more features than the previous release, including addition of help documentation for PTPFlow and the placeholder for help documentation for eAIRS RCP.

Downloads

Operating System	Window System	Architecture	Link
Linux	GTK	x86	Download
Linux	GTK	x86_64	Download
Windows	Windows	x86	Download
Windows	Windows	x86_64	Download
MacOSX	Carbon	x86	Download
MacOSX	Cocoa	x86	Download
MacOSX	Cocoa	x86_64	Download

Release notes

KNSG eAirs v0.6.1 release (September 14, 2010)

We are releasing an interim build that includes updated data for the new eAIRS executable that outputs vtk files for Paraview.

Downloads

Operating System	Window System	Architecture	Link
Linux	GTK	x86	Download
Linux	GTK	x86_64	Download
Windows	Windows	x86	Download
Windows	Windows	x86_64	Download
MacOSX	Carbon	x86	Download
MacOSX	Cocoa	x86	Download
MacOSX	Cocoa	x86_64	Download

KNSG eAirs v0.6 release (September 7, 2010)

Downloads

Operating System	Window System	Architecture	Link
Linux	GTK	x86	Download
Linux	GTK	x86_64	Download
Windows	Windows	x86	Download

Windows	Windows	x86_64	Download
MacOSX	Carbon	x86	Download
MacOSX	Cocoa	x86	Download
MacOSX	Cocoa	x86_64	Download

Release notes

KNSG eAirs v0.5 release (August 20, 2010)

Downloads

Operating System	Window System	Architecture	Link
Linux	GTK	x86	Download
Linux	GTK	x86_64	Download
Windows	Windows	x86	Download
Windows	Windows	x86_64	Download
MacOSX	Carbon	x86	Download
MacOSX	Cocoa	x86	Download
MacOSX	Cocoa	x86_64	Download

Release notes

KNSG eAirs v0.4 release (August 6, 2010)

Downloads

- Linux 32bit [Download](#)
- Linux 64bit [Download](#)
- Win32 [Download](#)

Release note

New Feature

- [KNSG-48](#) - Add search option to eAIRS CFD single run analysis page and search infrastructure to support it
- [KNSG-52](#) - After a job completes, we need to get the results back to the users machine, add the infrastructure and UI to support this operation
- [KNSG-53](#) - Add analysis pages for CFD parameterized workflow to setup the analysis and execute it on the HPC machines

Bugs

[PTPFLOW-15](#) - Retrieve workflow popup menu throws exception and fails to load XML Editor

[KNSG-50](#) - Error creating multiple directories on launch machine

Tutorial

[CFD Tutorial](#)

KNSG eAirs v0.3 release (Jul 29, 2010)

Downloads

- Linux 32bit [Download](#)
- Linux 64bit [Download](#)
- Win32 [Download](#)

Release note

Improvement

- [\[KNSG-42\]](#) - Add right click option to add dataset to scenario
- [\[KNSG-47\]](#) - Imported datasets should be tagged through UI

New Feature

- [\[KNSG-44\]](#) - Add remove dataset option
- [\[KNSG-45\]](#) - Add workflow popup menu option for workflow view
- [\[KNSG-46\]](#) - Create simple user interface for specifying eAIRS workflow inputs

Task

- [\[KNSG-41\]](#) - Add wiki tutorial page for eAIRS RCP
- [\[KNSG-43\]](#) - Investigate moving files from local host to remote host programatically

KNSG eAirs v0.2 release (Jul 9, 2010)

Downloads

- Linux 32bit [Download](#)
- Linux 64bit [Download](#)
- Win32 [Download](#)

Release note

Improvement

- [\[KNSG-26\]](#) - Interactive login splash screen should let user select myproxy server
- [\[KNSG-32\]](#) - Implement option to save password when logging into MyProxy

New Feature

- [\[KNSG-33\]](#) - Import file to repository
- [\[KNSG-38\]](#) - User should be able to drag and drop dataset to scenario
- [\[KNSG-39\]](#) - Add workflow view

Task

- [\[KNSG-18\]](#) - Update development environment setup on wiki for Helios release
- [\[KNSG-37\]](#) - Update ptpflow dependent plug-ins
- [\[KNSG-40\]](#) - Add sample dataset to release

Sub-task

- [\[KNSG-34\]](#) - Add import wizard that steps the user through the process of importing file data
- [\[KNSG-35\]](#) - Repository should recognize file data and show it separately from workflows
- [\[KNSG-36\]](#) - Import file data to a userfacing bean that handles information about the data

KNSG eAirs v0.1 release (Jun 25, 2010)

Downloads

- Linux 32bit [Download](#)
- Linux 64bit [Download](#)
- Win32 [Download](#)

Release note

Improvement

- [\[KNSG-5\]](#) - On dual monitor display, myproxy login shows up in the middle between the screens
- [\[KNSG-17\]](#) - Add ability to open the workflow xml in an editor
- [\[KNSG-19\]](#) - Create BaseAbstractHandler to handle basic handler operations
- [\[KNSG-20\]](#) - Users should be able to execute workflows by right click menu
- [\[KNSG-21\]](#) - When application starts, bring up login screen to log into MyProxy
- [\[KNSG-30\]](#) - Add refresh button to Repository view

New Feature

- [\[KNSG-8\]](#) - Drag and drop workflow to the scenario view
- [\[KNSG-9\]](#) - The scenario view should have an execute button
- [\[KNSG-10\]](#) - Create a repository view that displays workflows
- [\[KNSG-11\]](#) - Create scenario view that displays scenarios
- [\[KNSG-15\]](#) - Remove button to remove workflow from scenario
- [\[KNSG-28\]](#) - Add application icon

- [\[KNSG-31\]](#) - Add help menu

Task

- [\[KNSG-16\]](#) - Create wiki page on development environment setup
- [\[KNSG-25\]](#) - Installation should include 1 sample workflow

Sub-task

- [\[KNSG-12\]](#) - Create a basic scenario container to hold project information
- [\[KNSG-13\]](#) - Create a scenario manager for managing scenarios
- [\[KNSG-24\]](#) - EAIRS product should depend on features

Current Status

On this page you can find a summary of the completed tasks to date based on [the planned tasks and schedule](#).

All the tasks, issues, bugs can be found at [Jira \(Issue Tracking System\)](#).

✔ =Done | ⚠ =Postponed | 💡 =In Progress

Week 1 (Feb. 28 - Mar. 6)

- Task 1: Determine and configure the initial use cases
 - ✔ Grant access to KISTI HPC resources (hallasan.kisti.re.kr) to developers by Dr. Nam
 - ✔ Apply TeraGrid resource
- Major Issues
 - Need more detail documentation about how to run CFD code including how to submit a job via globus
 - Need to acquire the certificate to run the job

Week 2 (Mar. 7 - Mar. 13)

- Task 1: Determine and configure the initial use cases
 - ✔ Grant access to the test CFD codes: parallel code and non-parallel code and test data
 - ✔ Acquire documentation about how to run CFD codes
 - ✔ Test CFD codes
- Major Issues
 - TeraGrid account is still pending

Week 3 (Mar. 14 - Mar. 20)

- Task 1: Determine and configure the initial use cases
 - ✔ Test CFD codes not via globus
 - ✔ Check with the TeraGrid administration about TeraGrid account
- Task 3: Design the architecture of an integrated toolkit platform
 - ✔ Acquire the resources about Siege by collaborating with Siege development team
 - ✔ SVN access and online documentation
- Major Issues
 - TeraGrid account is still pending

Week 4 (Mar. 21 - Mar. 28)

- Task 1: Determine and configure the initial use cases
 - ✔ Grant access to TeraGrid on Mar. 26, 2010
- Task 3: Design the architecture of an integrated toolkit platform
 - ✔ Acquire Siege source code and documentation
 - ✔ Reviewed current version of Siege

Monthly Task Summary (Feb. 28 - Mar. 28, 2010)

- Task 1: Determine and configure the initial use cases
 - Acquired KISIT HPC account
 - Acquired TeraGrid Account
 - Applied Start-up TeraGrid account
 - Acquired the knowledge about the TeraGrid environment for the project
 - Tested CFD codes at KISTI HPC account

- Task 3: Design the architecture of an integrated toolkit platform
 - Acquired Siege technology
 - Gained development environment and documentation about Siege from Albert Rossi (original developer of Siege)
 - Access to SVN repository, Eclipse dev environment

Week 5 (Mar. 29 - Apr. 3)


- Task 1: Determine and configure the initial use cases
 - ⚠ Setup TeraGrid account (waiting for the access grant to the account)
 - ⚠ Transfer CFD codes to TeraGrid account
- Task 3: Design the architecture of an integrated toolkit platform
 - ✅ Hold a workshop with Albert Rossi (developer of Siege) to know and learn about Siege
 - Planned on Mar. 31, 2010

Week 6 (Mar. 4 - Apr. 10)

- Task 1: Determine and configure the initial use cases
 - Setup TeraGrid account
 - Transfer CFD codes to TeraGrid account
- Task 2: Test existing systems with codes identified in Task 1
 - Test the CFD code at TeraGrid account
 - Test the CFD code at KISTI account with GIS certificate
- Task 3: Design the architecture of an integrated toolkit platform
 - Discuss about the architecture and product

Completed Tasks

type	key	summary
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