Red Hat Plug-ins for Backstage 2.0

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Abstract

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CHAPTER 1. RED HAT PLUG-INS FOR BACKSTAGE 2.0
RELEASE NOTES

Red Hat Plug-ins for Backstage (RHPIB) 2.0 provides developers with a set of Backstage plug-ins that Red Hat supports on specific versions of Backstage and Red Hat Developer Hub. The supported plug-ins are a combination of plug-ins hosted on Janus and Red Hat Developer Hub.

The goal of RHPIB is to provide flexibility and allow developers to expose any kind of infrastructure or software development tool as a plugin in Backstage.

1.1. ABOUT THIS RELEASE

The release notes provide high-level coverage of the features that have been implemented in Red Hat Plug-ins for Backstage 2.0 and document known issues in this release.

1.2. NOTABLE FEATURES

This section provides an overview of the new features and enhancements introduced in Red Hat Plug-ins for Backstage 2.0.

1.2.1. New plugins

The following plugins are newly added to Red Hat Plug-ins for Backstage 2.0:

- **Azure Container Registry (ACR)**: This plugin displays information about your container images available in the Azure Container Registry.
- **Container Image Registry for Jfrog Artifactory**: This plugin displays information about your container images that are available within the Jfrog Artifactory registry.

1.2.2. Enhancements

The following are the enhancements to the existing plugins in Red Hat Plug-ins for Backstage 2.0:

- **Application Topology**: This plugin contains the following enhancements:
  - Ability to view or download pod logs
  - Ability to use code decorator on workload node
  - Ability to display pipelines decorator on workload node and PipelineRuns on the side-panel if workload contains associated pipelines
  - Ability to display runtime icon in workload node with a filter to toggle between pod count and runtime icon
- **Pipelines with Tekton**: This plugin now visualizes PipelineRun logs for each PipelineRun.
- **Keycloak plugin**: This plugin now contains new transformer functions to modify Group and User resources before ingestion.

1.3. FIXED ISSUES

This section lists fixed issues with Red Hat Plug-ins for Backstage 2.0.
• Task status bar in the TEKTON tab displays incorrect information [487]
• RHPIB backend plugins do not work on Backstage 1.14 or earlier [500]

1.4. KNOWN ISSUES

This section lists known issues with Red Hat Plug-ins for Backstage 2.0.

• **Tekton Latest PipelineRun does not show the data [735]:**
  Issue: The data in the Latest PipelineRun page in the CI tab is not visible sometimes. But it displays **No Pipeline Run to visualize** message.

  To reproduce: Follow the below steps to reproduce the issue:

  1. Go to the Catalog page.

  2. Select a component with Tekton plugin enabled.

  3. Go to the CI tab.

  The data is not displayed sometimes.

  Expected behavior: The data must be visible.