

# Pipelines Integrations

## Overview

An **Integration** connects Pipelines to an external service/tool. Each integration type defines the endpoint, credentials and any other configuration detail required for Pipelines to exchange information with the service. All credential information is encrypted and held in secure storage, in conformance with best security practices.

## Using Integrations

Integrations are most commonly used in [resources](#) to connect inputs and outputs to the external facility. They can also be referenced directly in many [utility functions](#). Integrations can also be directly used as an input to a step.

Integrations are added through the JFrog Platform. For more information, see [Managing Pipelines Integrations](#).

## Environment Variables

A step that uses an integration can access the integration and its properties through environment variables. The form of the environment variable is:

```
int_<integration name>_<tag>
```

For example, if an [Artifactory Integration](#) is named `myArtifactory`, then the environment variable `int_myArtifactory_url` might be used to send a notification:

```
steps:
  . . .

  - name: publish_go_binary
    type: GoPublishBinary
    configuration:
      inputSteps:
        - name: build_go
          targetRepository: my-go
      integrations:
        - name: myArtifactory
    execution:
      onSuccess:
        - send_notification notifySlack --text "Published Go binary to
          $int_myArtifactory_url"
```

For more information about using environment variables, see [Pipelines Environment Variables](#).

### Page Contents

- [Overview](#)
- [Using Integrations](#)
  - [Environment Variables](#)
- [Integration Types](#)

### Integration Types

- [Airbrake Integration](#)
- [Artifactory Integration](#)
- [AWS Keys Integration](#)
- [Azure Keys Integration](#)
- [Bitbucket Integration](#)
- [Bitbucket Server Integration](#)
- [Digital Ocean Integration](#)
- [Distribution Integration](#)
- [Docker Registry Integration](#)
- [File Server Integration](#)
- [Generic Integration](#)
- [GitHub Enterprise Integration](#)
- [GitHub Integration](#)
- [GitLab Integration](#)
- [Google Cloud Integration](#)
- [Incoming Webhook Integration](#)
- [Jenkins Integration](#)
- [Jenkins Server Integration](#)
- [JFrog Platform Access Token Integration](#)
- [Jira Integration](#)
- [Kubernetes Integration](#)
- [NewRelic Integration](#)
- [Outgoing Webhook Integration](#)
- [PagerDuty Events Integration](#)
- [PEM Key Integration](#)
- [Slack Integration](#)
- [SMTP Credentials Integration](#)
- [SSH Key Integration](#)

## Integration Types

The available integrations for JFrog Pipelines are:

- [Airbrake Integration](#)
- [Artifactory Integration](#)
- [AWS Keys Integration](#)
- [Azure Keys Integration](#)
- [Bitbucket Integration](#)
- [Bitbucket Server Integration](#)
- [Digital Ocean Integration](#)
- [Distribution Integration](#)
- [Docker Registry Integration](#)
- [File Server Integration](#)
- [Generic Integration](#)
- [GitHub Enterprise Integration](#)
- [GitHub Integration](#)
- [GitLab Integration](#)
- [Google Cloud Integration](#)
- [Incoming Webhook Integration](#)
- [Jenkins Integration](#)

- [Jenkins Server Integration](#)
- [JFrog Platform Access Token Integration](#)
- [Jira Integration](#)
- [Kubernetes Integration](#)
- [NewRelic Integration](#)
- [Outgoing Webhook Integration](#)
- [PagerDuty Events Integration](#)
- [PEM Key Integration](#)
- [Slack Integration](#)
- [SMTP Credentials Integration](#)
- [SSH Key Integration](#)