

Pipelines

A **Pipeline** is a set of automated processes that allow developers to consistently and reliably build, test, and deploy their code.

Aras provides the following set of **Pipelines**:

- 1. ContinuousIntegration:** This **Pipeline** runs a Build given a **Commit** in the Git **Repo**. The system triggers it in one of the following ways:
 - Validation for a **Branch**.
 - Validation for a **Pull request**.
 - Request by a DevOps user.Typically, the Continuous Integration (CI) **Pipeline** is not manually initiated; it is automatically triggered by actions such as **Pull requests (PRs)** and mergers governed by **Branch** policies.
- 2. DeployToSIT:** This **Pipeline** creates a Deployment **Package** from a Build, deploys it to the SIT environment, and stores a copy in the **Artifacts** storage.
- 3. DeleteInnovator:** This **Pipeline** deletes a given test instance in the SIT environment.
- 4. GenerateBaseline:** Generating **Baselines** establishes a starting point and facilitates tracking project changes. This **Pipeline** generates a new **Baseline** and stores the **Artifact** in the **Artifact** storage.

