

Version-Controlled Artifact

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Discussion

A Version-Controlled Artifact is an [Artifact](#) managed through a [Version Control System](#).

The Version Control system assigns a unique revision to the Artifact and allows an authorized user or process to retrieve it.

A Version-Controlled Artifact may include:

- Source code
- Configuration files
- [Infrastructure Configurations](#)
- [Infrastructure Blueprints](#)
- Schemas
- Models
- Scripts
- Policy files
- Documentation
- Build specifications

Placing an Artifact under Version Control distinguishes identifiable revisions of the Artifact from uncontrolled copies or informal working material.

A Version-Controlled Artifact differs from a revision history:

- The Version-Controlled Artifact is the controlled Artifact
- The revision identifies a particular state of the Artifact
- The revision history records the succession of revisions associated with the Artifact

Definition

artifact managed by a version control system that assigns identifiable revisions and permits retrieval of an identified revision

Source

Dido Solutions, Inc. and Jackrabbit Consulting, Inc.

Note

A Version-Controlled Artifact does not necessarily have an approved, released, or deployed status.

Version Control establishes revision identification and retrieval. Separate requirements may govern:

- Revision preservation
- Change review
- Change approval
- Release designation
- Deployment authorization
- Retention
- Retirement

The term does not require a particular Version Control product, repository implementation, branching model, or storage technology.

Example

A machine-readable [Infrastructure Configuration](#) stored in a Version Control repository with an identifiable revision that an authorized pipeline can retrieve is a Version-Controlled Artifact.

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