

ENV-001k — Define Version and Baseline Information

[Go to ENV-001 — Define Test Environment](#)

Statement

The [DIDO-TE](#) SHALL define the version and [Baseline](#) information for each element included in a [Test Environment](#).

Derived From

- [\[DTE5\] DIDO-TE Requirements Register](#), source requirement identifier and obligation to be assigned
- [\[DTE6\] Structured Information Processing Reference Architecture \(SIP-RA\)](#)
- [\[DTE7\] Federated Data Interpretation Systems Reference Architecture \(FDIS-RA\)](#)

Rationale

Defining version and [Baseline](#) information establishes the precise state of each element included in a [Test Environment](#).

The recorded information supports reproducible instantiation, comparison between Test Environments, controlled change, and evaluation of whether a version or Baseline difference influenced a [Test Execution](#) or [Test Result](#).

The information also preserves traceability between the Test Environment definition, its instantiated state, and the resulting [Evidence](#).

Applies To

- [Test Environment](#)
- [Baseline](#)
- [Test Definition](#)
- [Test Object](#)
- [Node](#)
- [Test Resource](#)
- [Configuration](#)

Verification

Verification confirms that:

- Each element included in a Test Environment has defined version information.
- Each element included in a Test Environment has an identified Baseline association.
- The defined version and Baseline information corresponds to the instantiated element.
- The Test Environment definition identifies the Baseline governing its complete composition and Configuration.
- Missing, undefined, or inconsistent version or Baseline information constitutes nonconformance with this requirement.

Verification includes:

- Inspection of the controlled information for each Test Environment
- Inspection of the version information for each included element
- Inspection of the Baseline associations for each included element
- Inspection of the Baseline governing the complete Test Environment
- Comparison of the defined version and Baseline information with the instantiated Test Environment
- A negative assessment using an element with missing or inconsistent version or Baseline information
- Confirmation that the negative assessment produces a nonconformance result

Referenced By

Plugin Backlinks: Nothing was found.

Related Architecture Sections

- Add links to the architecture sections governing Test Environment versioning, Baselines, configuration control, and reproducibility.

Delivery Phase

Assign the applicable delivery phase.

Requirement Status

Draft

Statement Reference

Use the following syntax to reference this requirement's Statement section from another DokuWiki page:

```
{{section>dido:03-dido-te:99-annexes:annex-c-requirements:02-test-environment-requirements:env-001-define-test-environment:env-001k-define-version-and-baseline-information#Statement&noheader&nofooter&noeditbtn}}
```

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