

Crucible

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Discussion

Crucible is a DIDO Solutions DevSecOps and DevOps platform that simplifies and secures software development, deployment, and management.

Crucible supports repeatable development and deployment environments, security-compliant application delivery, cloud-agnostic operations, Infrastructure as Code, provisioning discipline, access-control discipline, workload segmentation, and continuous verification.

In the Financial Systems [Archetype](#) document set, Crucible belongs to implementation, deployment, environment-management, and runtime-infrastructure concerns. Crucible does not define logical [Nodes](#), logical [Communication Endpoints](#), logical information structures, logical [Runtime Planes](#), or logical interaction patterns.

An implementation or deployment profile maps selected implementation artefacts, runtime services, configuration, security, observability, and deployment concerns to Crucible-managed environments when Crucible serves as the selected DevSecOps or deployment environment platform.

Definition

DevSecOps and DevOps platform used to simplify, secure, provision, deploy, manage, and verify software development and runtime environments

Source

Generalised from DIDO Solutions Crucible material and its use as an implementation and deployment concern in [Part 4: Phase 0 Implementation Profile / PSM](#) and [Part 5: Phase 0 Developer Handbook](#).

Note

Crucible is not a logical [Node](#), logical [Communication Endpoint](#), [Runtime Plane](#), DDS Domain, DDS Topic, message bus, data structure, governance model, [Evidence](#) model, or architecture layer.

Example

[Part 5: Phase 0 Developer Handbook](#) uses Crucible as a deployment-environment option for running

Phase 0 implementation artefacts after the logical Nodes and logical Communication Endpoints have already been defined in platform-independent form.

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