

8.3 Implementation Artifact Categories for Nodes

[Go To Mapping from FX Logical Nodes to Implementation Artifacts](#)

Phase 0 uses several implementation artifact categories to realize FX logical [Nodes](#).

Table 8-1: Implementation artifact categories for FX logical Nodes.

Artifact Category	Phase 0 Purpose
Implementation Node module	Contains the hand-authored implementation logic for a selected FX logical Node or Node Role.
Process entry point	Starts a selected implementation participant for demonstration or execution.
Supporting module	Provides shared implementation behavior such as logging, configuration, DDS helper functions, validation helpers, or traceability helpers.
Configuration artifact	Provides implementation settings, Topic references, Quality of Service (QoS) references, Node identity values, or runtime parameters.
DDS participant configuration	Supports DDS participant, publisher, subscriber, Topic, or Quality of Service (QoS) configuration where Phase 0 requires it.
Script	Starts, stops, checks, generates, or coordinates implementation artifacts.
Traceability record	Identifies the mapping from an implementation artifact back to the FX logical Node or Node Role it realizes.
Developer Handbook rule	Defines implementation discipline for coding, file headers, logging, exception handling, naming, review, and repository workflow.

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Last update: 2026/07/23 08:40

