

Device Namespace Reference

Access device state and operations via scripts.

[Reference](#) [Code](#) [Namespaces](#) [Alarm](#) | [Client](#) | [Dataset](#) | **[Device](#)** | [Display](#) | [Historian](#) | [Info](#) | [Report](#) | [Script](#) | [Security](#) | [Server](#)

The **Device Namespace** exposes runtime device state to .NET scripts. Use **@Device** to reference the namespace, followed by the accessors listed below.

[Child Namespaces](#)
[Device Members](#)

Child Namespaces

Sub-namespaces exposing collections and grouped configuration. Reach each via its qualified path.

Path	Description
@Device.accessType (6 children)	Collection of every access type configured in the solution. Accessed from scripts as @Device.AccessType; each entry is a DeviceAccessType that groups device points by polling rate and read / write trigger semantics, and exposes the per-group queue depths plus the ForceReadTrigger / ForceWriteTrigger methods used to bypass the polling cadence.

Device Members

Direct properties and methods on @Device.

Member	Kind	Type	Description
channel	Property	DeviceChannels	Collection of every communication channel configured in the solution. Indexed by channel name or numeric ID; enumerable in foreach. Accessed from scripts as @Device.Channel; each entry is a DeviceChannel that owns the protocol driver, the transport configuration, and the runtime statistics for one endpoint.
node	Property	DeviceNodes	Collection of every device node configured in the solution. Indexed by node name or numeric ID; enumerable in foreach. Accessed from scripts as @Device.Node; each entry is a DeviceNode that represents a single device address (PLC station, RTU, OPC server node) reachable through one of the parent channels and carries redundancy / failover state.

Member set auto-generated from RuntimeNamespace.json (build fx-10.1.5.2000, schema 1.0, generated 2026-05-17T21:29:31.4885315Z). For the full .NET API surface see the external [Device Namespace .NET API Reference](#).

In this section...