



Advanced API

General

The following components are used in quite every application to interact with the framework. Use them to enter your license key, handle and process exceptions and evaluate low level notifications.

- [Licenser](#)
- [PlcException](#)
- [PlcStatus](#)
- [PlcStatusCode](#)
- [IPlcStatusProvider](#)
- [PlcNotifications](#)

Device

The listed components are used to define the base object model to access a controller device. Use them to query device information, access device data and establish device connections.

- [PlcDevice](#)
- [IPlcDevice](#)
- [PlcDeviceConnection](#)
- [PlcDeviceConnectionChannel](#)
- [PlcDeviceConnectionState](#)
- [PlcDeviceEndPoint](#)
- [IPDeviceEndPoint](#)
- [DnsDeviceEndPoint](#)
- [PlcDeviceInfo](#)
- [IPlcDeviceInfo](#)
- [PlcBlockInfo](#)

Siemens Device

The different components linked here are used to device the Siemens specific object model to access SIMATIC controllers. Use them to setup additional device characteristics.

- [SimaticDevice](#)
- [SimaticDeviceConnection](#)
- [SimaticChannelType](#)

- [SimaticDeviceType](#)
- [SimaticBlockInfo](#)

Virtual Device

The following linked components are used to define an in-memory object model to simulate access of a controller device. Use them for you own testing purpose.

- [VirtualDevice](#)
- [VirtualDeviceConnection](#)
- [VirtualBlockInfo](#)

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