Solution Modularization

Install and configure runtime components.

Overview

The Platform supports modular project design by allowing developers to split functionality into multiple project files that are automatically **merged at runtime** based on naming conventions.

Overview
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Runtime Directions

Behavior Overview

When you have a main solution e.g., '`MyProject'` and additional projects whose names start with the same base and include a suffix starting with double underscores (__) and ending with double underscores (__), FrameworX will automatically **merge them** when launching the main project.

Runtime Directions

- Both solutions must include identical tags—that is, tags with the same names must exist in both the UI solution and the Device solution.
- Additionally, both solutions must be located in the same computer folder.
- You only need to run the main solution (UI).
- The tags UID have to be the same in both solutions.

Example

- `MyProject` Core UI, shared logic
- `MyProject__DeviceConfig1__` Device-specific configurations

When you launch `MyProject`, FrameworX automatically includes the contents of:

- `MyProject__DeviceConfig1__`

Devices resources are **merged** into a single runtime project, preserving modular structure during development.

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