



eScada

v24.2.0
Start

eScada folder

<ul style="list-style-type: none"> ▼  eScada-V ... <ul style="list-style-type: none">  docs ▼  hmi <ul style="list-style-type: none">  licences  projects  ... executables 	<p>docs it contains documentation as pdf files</p> <p>hmi/licenses it contains the licenses files</p> <p>project it contains project files (we suggest to use this as default projects folder)</p>
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executables

it contains executable files, its name depends on the OS family you have chosen.
You can keep differently architecture, simply copying the correspondent folder into the folder [hmi](#)

Executable folders name

msw_x64	Microsoft Windows executable files, 64 bit
msw_arm64	Microsoft Windows on ARM executable files, 64 bit
lnx_x64	Linux executable files, 64 bit
lnx_arm32	Linux executable files, ARM 32 bit
lnx_arm64	Linux executable files, ARM 64 bit

Executable folder content

Every executable folder contains the following files.

Communications drivers

eScada.Drivers.* Communication drivers

Executables

eScada.Hmi.Manager	It permits to start editing a project
eScada.Hmi.Pictures	It permits to edit HMI pictures
eScada.Hmi.Server	It permits to execute a project
eScada.Hmi.Client	It permits to connect a server instance
eScada.Tools.Client	It permits to to connect a server instance for tags browsing and debugging functions.
eScada.Tools.Translator	It permits to manage string translations, without using eScada.Hmi.Manager
eScada.Tools.Users	It permits to manage groups and users without using eScada.Hmi.Manager

Configuration and resources

manager.config	
project.config	It permits to configure a server instance, it could be customized.
resources	It contains resources for executable files.

Database libraries (they depends on the OS family you have chosen)

Connectors.Db.MsAdo	Microsoft ActiveX Data Objects (for MS Windows only)
Connectors.Db.FireBird	Firebird library
Connectors.Db.MySql	mySQL library
Connectors.Db.Sqlite	SQLite library

Configurations

You are free to organize binary files into the executable folder in order to get the feature you want.

Typical “development” configuration

- eScada.Drivers.*
- eScada.Hmi.Manager
- eScada.Hmi.Pictures
- eScada.Hmi.Server
- eScada.Hmi.Client
- eScada.Tools.Client
- eScada.Tools.Translator
- eScada.Tools.Users
- manager.config
- project.config
- resources
- Connectors.Db.MsAdo
- Connectors.Db.FireBird
- Connectors.Db.MySql
- Connectors.Db.Sqlite

Typical “server” configuration

- eScada.Drivers.*
(one or more driver libraries, required in case of connections with physical devices)
- eScada.Hmi.Server
(required)
- eScada.Hmi.Client
(optional, it is required if you have designed pictures to interact with server)
- Connectors.Db.Sqlite
(required)
- resources
(required)
- project.config
(required)
- Connectors.Db.MsAdo
(optional, it depends on the presence of an external database connection)
- Connectors.Db.FireBird
(optional, it depends on the presence of an external database connection)
- Connectors.Db.MySql
(optional, it depends on the presence of an external database connection)
- eScada.Tools.Translator
(optional, it is required if you allow your final customer to be able to manage strings translation)
- eScada.Tools.Users
(optional, it is required if you allow your final customer to be able to manage groups and users)

Typical “client” configuration

[eScada.Hmi.Client](#)

(required)

[eScada.Tools.Client](#)

(optional, it is required if you want to allow debugging actions)

[Connectors.Db.Sqlite](#)

(required)

[resources](#)

(required)

How to edit or create a new project

eScada doesn't require any installation procedure nor compilation you have just to do a double click on “eScada.Hmi.Manager” executable file to start editing a project.

Default system users

Every time you create a new project also the following default users will be created.

You can't delete them from the project, but you can change their password.

We recommend to change their password before letting the project by your final customer.

name	password	description
owner	owner	Project manager. Do not enable it for runtime purpose.
admin	admin	Admin have complete and unrestricted access for editing and run-time functions.
translator	translator	User translator. It must be used to login to a project using eScada.Tools.Translator Do not enable it for editing or runtime purpose.
usersadmin	usersadmin	Users admin. It must be used to login to a project using eScada.Tools.Users Do not enable it for editing or runtime purpose.

Remarks:

Don't let your final customer the credentials for "admin" and "owner", if you want to avoid project modifications without your permission.

Normally final customers should have only credentials for “translator” and “usersadmin” to manage modifications on definitive projects.