

Custom code

In some cases there will be a need for specialized functionality.

Using codeunits you use all of the existing nocode features, and just do the special features in custom code.

The platform will handle WHEN to execute the code, while you make the code do WHAT you want.

Note that custom extensions are loaded dynamically, so the platform can still be updated independently of your custom code.

Many extension points

Your custom code can be plugged into various points

Pages

A page will display file or HTML content, with or without navigation wrapped around it.

Normal pages will only be served to authenticated users, while the public variant can be served to anyone accessing the URL.

Link via: URL (example: main?command=xxx)

Event handlers

An eventhandler will extend the behavior of an existing entity.

Multiple function handles ensure your code can be executed at the right time: beforeSelect, beforeRender, beforeUpdate etc.

In addition it is also possible control navigation flow after updates or build custom permission schemes (see below).

Link via: Designer > Entity > Advanced > Codeunit

Status actions

Actions will allow certain code to run as if it were a normal status action: Timed, On enter, On leave

Link via: Designer > Entity > STATUS > STATUS ACTION > Codeunit

Scheduled code

This is used for custom code that you need to run without user intervention.

Link via: Designer > Modules > Configuration > serviceRunCustomCodeunitClass

Global content

This codeunit can inject HTML content into all pages on that instance.

Link via: Designer > Modules > Configuration >
dk.p2e.blanket.codeunit.common.PageStaticContent

TS NoCode API

The TS API will enable access to all relevant things in the system, including your own custom models.

Data can be queried and updated via the object model, that will ensure that all rules and permissions are respected.

See detail and code examples in [API v1.0](#)

All requests will be passed references to

- DB connection
- User profile
 - Session variables
- Server settings
 - Policies
 - Cache

Custom security

Custom security is an option in Event handlers, that allows you to build custom security schemes.

Usecases include

- Users profile must be related to some other data
- Users permissions are change over time
- A records attributes defines who may see it
- Access to records are governed by the records relation to other records

You simple write an SQL filter that can be appended to all dayabase queries relating to that enity.

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