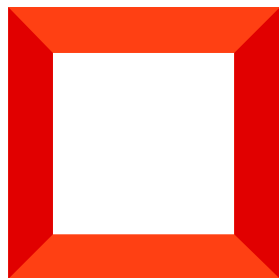
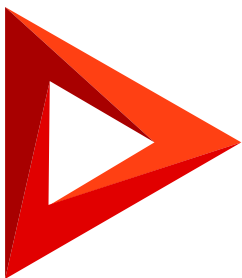


Develop in Creatio IDE

Creatio IDE

Version 8.0



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Creatio IDE



The Creatio platform includes an integrated development environment (**Creatio IDE**). Creatio IDE is located in the [*Configuration*] section. The **purpose** of the [*Configuration*] section is to execute operations with structural items that enable functionality development.

Creatio IDE lets you execute operations with the following **structural items**:



- File system.
- Packages.
- SVN repositories.
- Configuration elements.
- Source code.
- Configuration.

Learn more in a separate article: [Operations in Creatio IDE](#).

Set up permissions to the [*Configuration*] section

You can set up permissions to the [*Configuration*] section on the system operation level. If a user lacks the permission to access the [*Configuration*] section, they receive a standard notification about the lack of permissions to perform an operation when trying to load the section. By default, only Creatio administrators have access to key system operations. Creatio lets you configure access permissions to system operations for users or user groups. Learn more in the user documentation: [System operation permissions](#).


To **set up permissions** to the [*Configuration*] section:

1. Click  to open the System Designer. Go to the [*Users and administration*] block → [*Operation permissions*].
2. Select the [*Can manage configuration elements*] (`CanManageSolution`) system operation.
3. Click  and specify the user/role in the [*Operation permission*] detail.

As a result, the record will appear on the [*Operation permission*] detail and have the [*Access level*] column set to [*Yes*]. Users that have the specified role will receive permission to the [*Can manage configuration elements*] (`CanManageSolution`) system operation.

Open the [*Configuration*] section

You can open the [*Configuration*] section in Creatio **.NET Framework** in the following **ways**:

- Click  to open the System Designer. Click [*Advanced settings*] in the [*Admin area*] block.
- Open the [Creatio application URL]/0/ClientApp/#/WorkspaceExplorer URL. For example, `http://my.creatio.com/0/ClientApp/#/WorkspaceExplorer` .
- Use the `/we` alias. For example, `http://my.creatio.com/0/we` .

- Use the `/conf` alias. For example, `http://my.creatio.com/0/conf`.
- Use the `/dev` alias. For example, `http://my.creatio.com/0/dev`.

You can open the section in Creatio **.NET Core** or **.NET 6** similarly, but without the `/0` prefix.

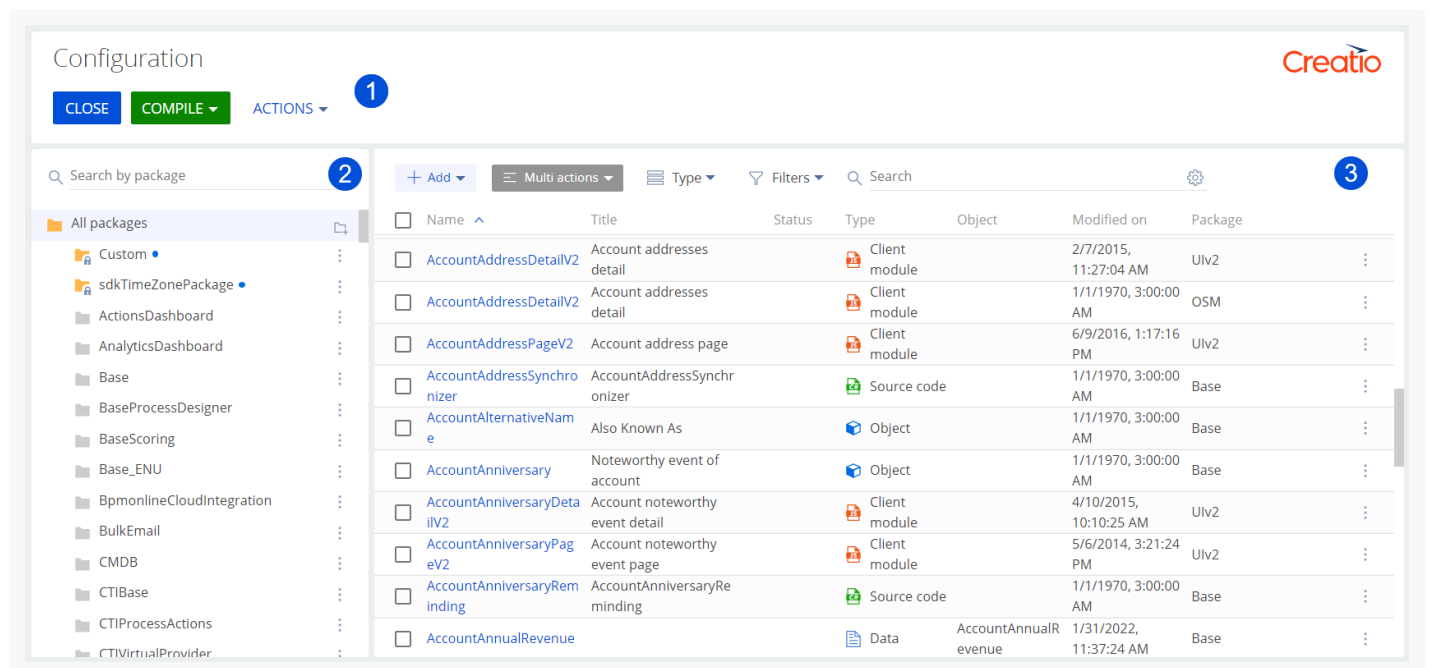
As a result, the [*Configuration*] section will open in a new tab.

[*Configuration*] section UI

The [*Configuration*] section UI includes the following **functional areas**:

- Toolbar (1).
- Package workspace (2).
- Main workspace (3).

View the [*Configuration*] section UI in the figure below.



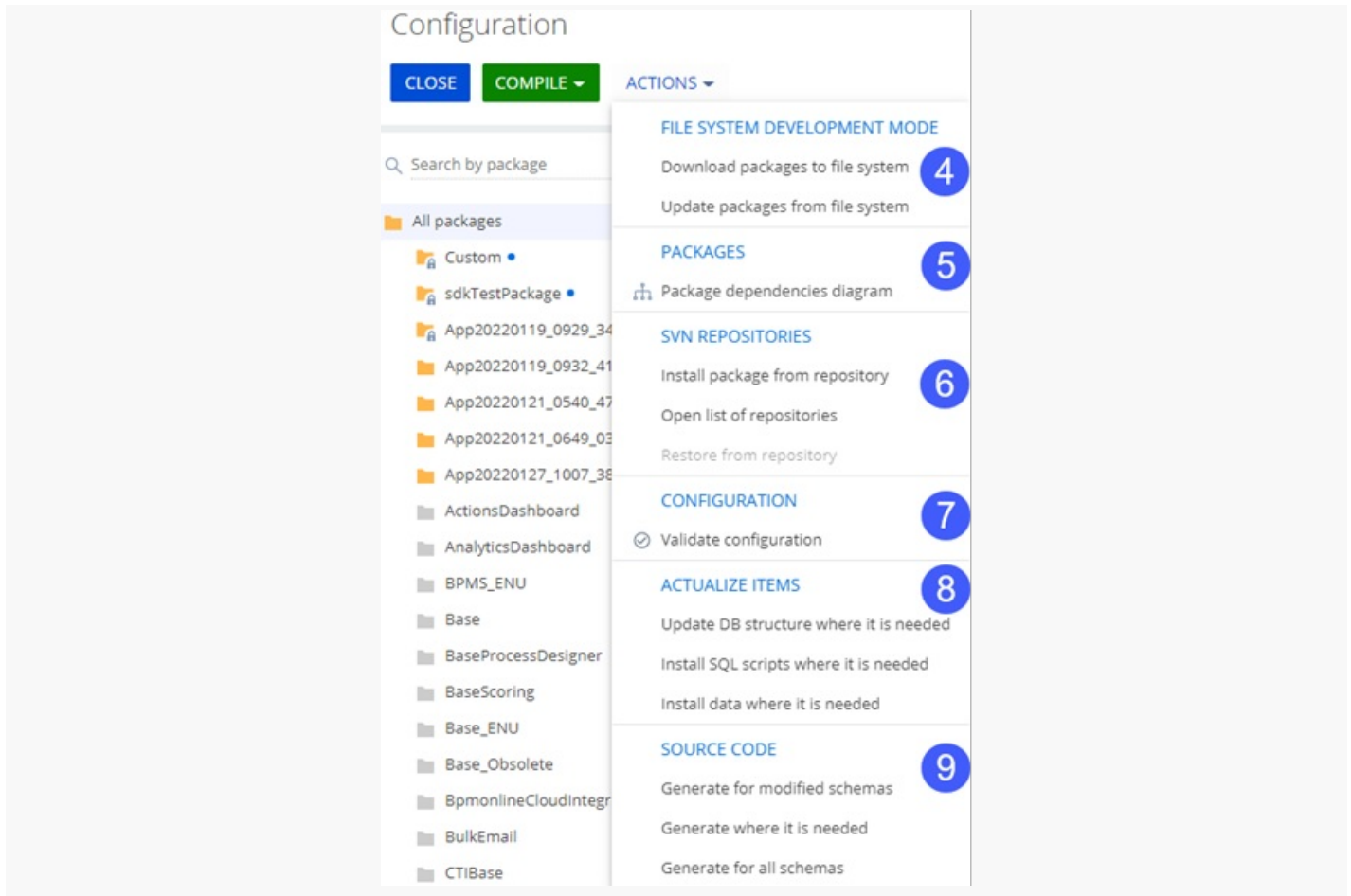
Toolbar (1)

The **toolbar** (1) lets you:

- Close the [*Configuration*] section ([*Close*] button).
- Compile the entire configuration ([*Compile*] button and [*Compile all*] item of the [*Compile*] button's dropdown list).
- Manage the development environment ([*Actions*] dropdown list).

The group items of the [*Actions*] dropdown list on the toolbar (1) let you manage the development environment.

View the action groups of the [*Actions*] dropdown list on the toolbar (1) in the figure below.




The following **action groups** let you manage the development environment:


- [*File system development mode*] (4).
- [*Packages*] (5).
- [*SVN repositories*] (6).
- [*Configuration*] (7).
- [*Actualize items*] (8).
- [*Source code*] (9).

Package workspace (2)

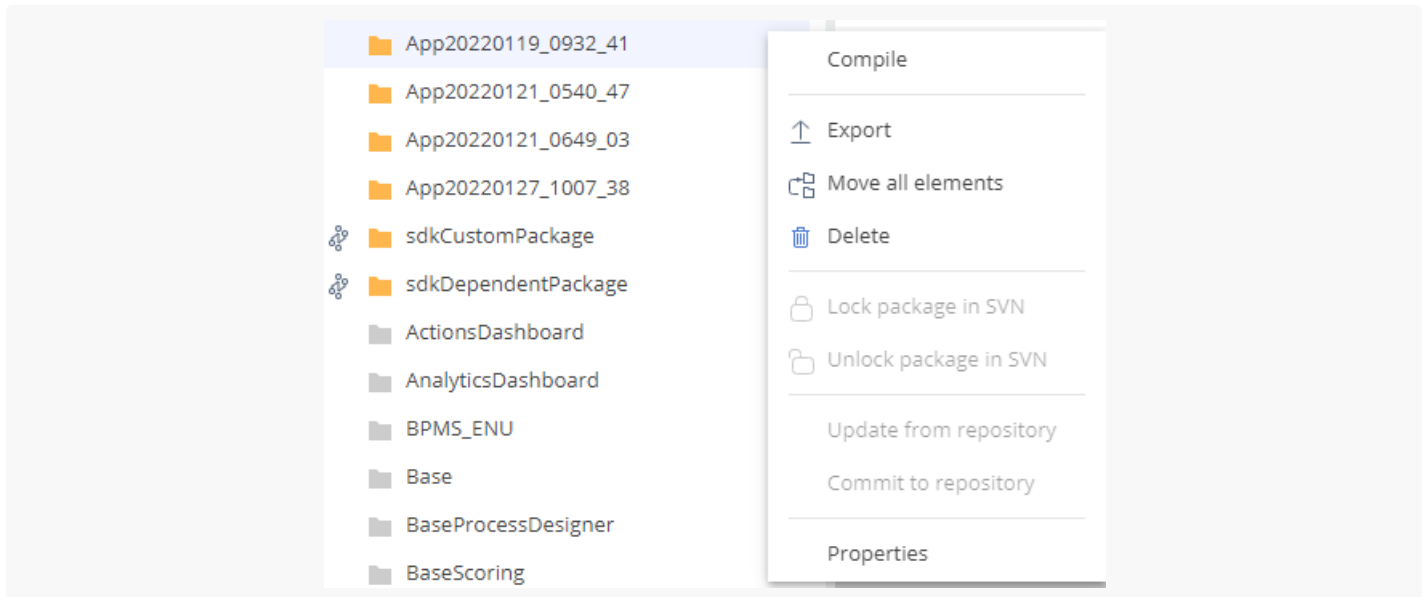
The package workspace (2) lets you:

- Search for a package by its name ([*Search by package*] search bar).
- Create a package (📁 button). The button opens the package creation box that lets you specify the package name and description, set up the compilation of the package to an assembly package, add dependencies, as well as specify the SVN repository. To **create a package**, follow the guide in a separate article: [Create a custom package](#).
- View the list of Creatio packages ([*All packages*] folder). The packages are displayed in alphabetical order. The modified packages and modifiable packages are displayed at the top. If you select the [*All packages*] folder, Creatio displays the configuration elements of all packages in the [*Configuration*] section list alphabetically. If

you select a different package folder, Creatio displays the configuration elements of that package alphabetically. Creatio displays the modified packages at the top of the [*All packages*] folder index and marks them with .

The **package menu** of the package workspace (2) lets you execute actions with the current package. To **open the package menu**, click  in the package row.

View the package menu in the figure below.



The **package menu** lets you:

- Compile the package to an assembly package ([*Compile*] item). The item is inactive for packages that have the [*Compile into a separate assembly*] checkbox cleared in the package properties. The checkbox specifies that the package is an assembly package. Learn more about assembly packages in a separate article: [Assembly package](#).
- Export a package as a *.zip archive ([*Export*] item). You can install an exported package into a different [environment](#). Learn more about exporting packages in a separate article: [Transfer packages](#).
- Move the package configuration elements to a different package ([*Move all elements*] item). The item opens a box that lets you select the destination package. When you move the configuration elements, Creatio IDE can set dependencies automatically.
- Delete a package ([*Delete*] item). Not available for pre-installed packages. Creatio IDE lets you delete empty packages and packages that contain non-parent configuration elements. Attempting to delete a package with parent configuration elements will result in Creatio displaying a list of dependent packages and dependent elements that block deletion.
- Lock the package from changes in the connected SVN repository ([*Lock package in SVN*] item). The item is available only for packages installed from the SVN repository.
- Unlock the package for changes in the connected SVN repository ([*Unlock package in SVN*] item). The item is active only for locked packages installed from the SVN repository.
- Update the package from the repository ([*Update from repository*] item). Learn more about updating packages in a separate article: [Version control in Creatio IDE](#).
- Commit a package to the repository ([*Commit to repository*] option). Learn more about committing packages

to the version control system in a separate article: [Version control in Creatio IDE](#).

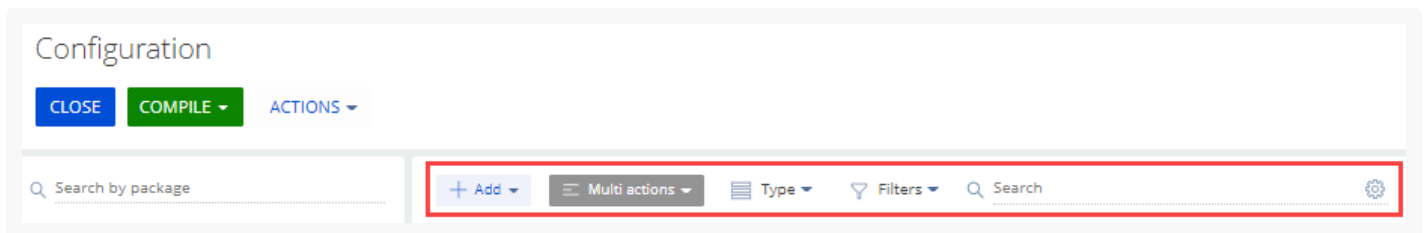
- Review the package properties ([*Properties*] option). Set up the package dependencies for modifiable packages in the [*Properties*] tab. The tab also contains system information: the package author and editor, the creation and modification dates, the unique ID, and the primary package key in the database table. To **open the package properties**, double-click the package name.

Main workspace (3)

The main workspace (3) contains the following **tools**:

- Toolbar.
- [*Configuration*] section list.
- Configuration element menu.


View the **toolbar** of the [*Configuration*] section workspace (3) in the figure below.



The workspace (3) **toolbar** lets you:

- Add a configuration element by type ([*Add*] dropdown list).
- Import a schema (*.md) or a reference assembly (*.dll) into the custom package ([*Import*] item of the [*Add*] dropdown list).
- Execute configuration element actions in bulk ([*Multi actions*] dropdown list).
- Select the type of configuration elements to display ([*Type*] dropdown list).
- Select the status of configuration elements to display ([*Filters*] dropdown list).
- Search for a configuration element by its name ([*Search*] search bar).

The [*Configuration*] **section list** of the main workspace (3) lets you display the index of configuration elements.

The **configuration element menu** of the main workspace (3) lets you execute a single action with a configuration element. To **open the configuration element menu**, click  in the configuration element row of the section list. The item index of the configuration element menu depends on the configuration element type.