

# Temporary and Permanent Run/Debug Configurations

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Run/debug configurations are categorized into *temporary* and *permanent*.

## Temporary configuration

A temporary run/debug configuration is automatically created every time you choose **Run** `<item_name>` or **Debug** `<item_name>` for an item without a permanent configuration.

Temporary configurations can be saved as permanent.

Temporary configurations are marked with semi-transparent icons and are managed same way as the permanent configurations.

By default, 5 temporary configurations are allowed per project. You can change this limit via the [Edit Configurations](#) dialog.

## Permanent configuration

A configuration of this type is [explicitly created](#) for a particular class or method. If there is no permanent configuration for an item, IntelliJ IDEA automatically creates a temporary configuration for it, when you choose **Run** `<item_name>` or **Debug** `<item_name>` on the context menu of this class or method.

IntelliJ IDEA also creates a default run/debug configuration if you have specified the [target application server during the module creation](#).

## See Also

Procedures:

- [Creating and Saving Temporary Run/Debug Configurations](#)

Reference:

- [Run/Debug Configurations](#)

Web Resources:

- [Developer Community](#) 