Configuring Eclipse

> **Deprecated**
>
> You shouldn't have to do any manual configuration if you have installed Eclipse using our Oomph setup.

Once you have an Eclipse installation at your fingertips, it's time to configure it. This guide will walk you through the necessary steps. Fire up the Preferences dialog, and let's get started.

Editor Settings

- *General -> Editors -> Text Editors*
  - Check *Insert spaces for tabs*
  - Set *Print margin column* to *105*
- *General -> Workspace*
  - Make sure the *Text file encoding* is set to *UTF-8*

Java Settings

- *Java -> Code Style -> Code Templates*
  - Import this file to automatically add our license text to the start of every file
  - Check *Automatically add comments for new methods and types*
- *Java -> Code Style -> Formatter*
  - Import this file to make the formatter compatible with our Checkstyle settings
- *Java -> Compiler*
  - Set the *Compiler compliance level* to *1.8*
- *Java -> Compiler -> Building*
  - Under *Build path problems*, set *No strictly compatible JRE for execution environment available* to *Ignore* to avoid warnings
- *Java -> Compiler -> Errors/Warnings*
  - Under *Potential programming problems*, set *Incomplete 'switch' cases on enum* and *'switch' is missing default case* to *Ignore*.

Checkstyle

- *Checkstyle*
  - Click *New*, type in the following values, and click *OK*:
    - Set *Type* to *Remote Configuration*
    - Set *Name* to *KIELER Checks*
    - Set *Location* to http://git.rtsys.informatik.uni-kiel.de/projects/KIELER/repos/config/browse/checkstyle.xml?at=HEAD&raw
    - Check *Cache configuration file*
  - Select the new configuration and click *Set as Default*

Git Settings

- *Team -> Git -> Configuration*
  - Check whether user name and email are configured in *User Settings*. If not, add two new entries:
    1. Key = user.name, Value = <your name>
    2. Key = user.email, Value = <your email address>