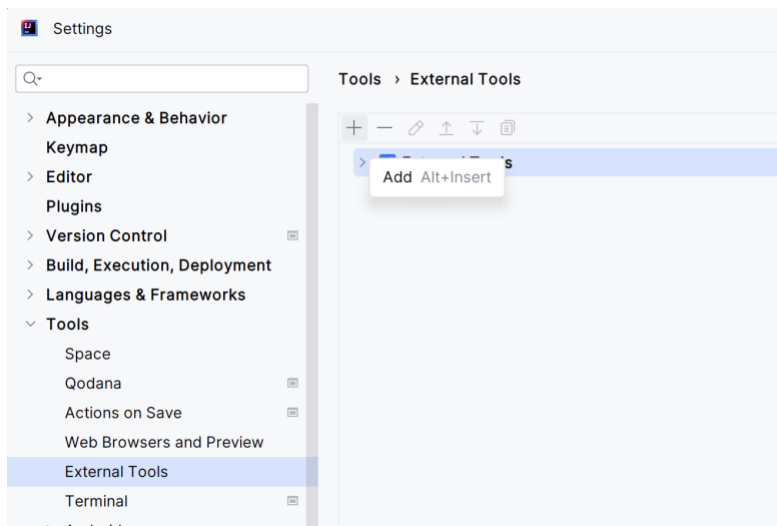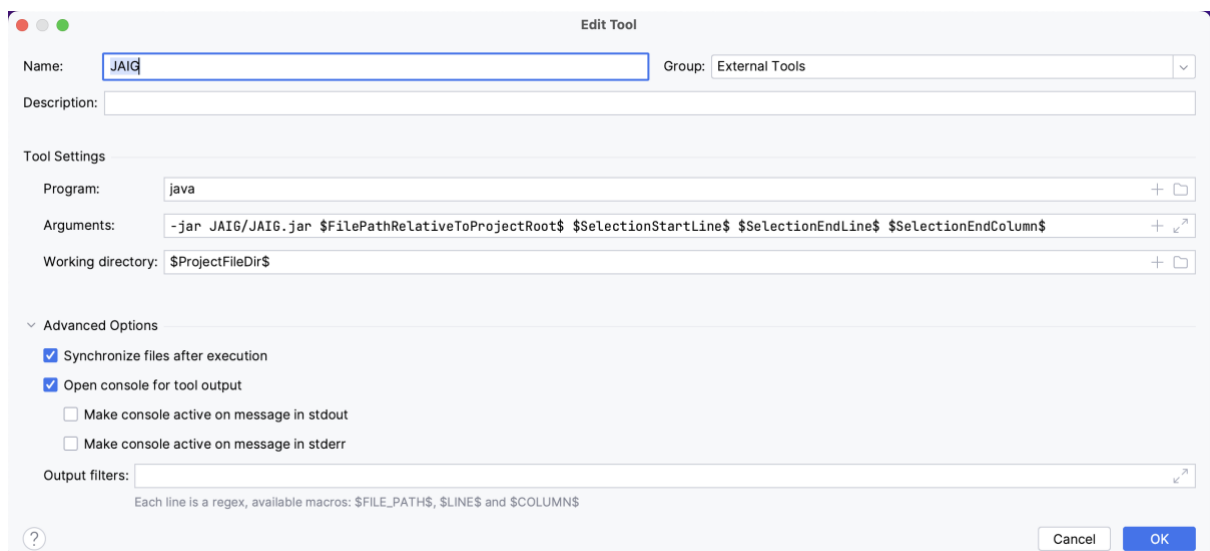# Connecting JAIG to IDEA

Connecting to External Tools

1.   Open Settings, find External Tools, click + to add:

2.   Specify the settings:

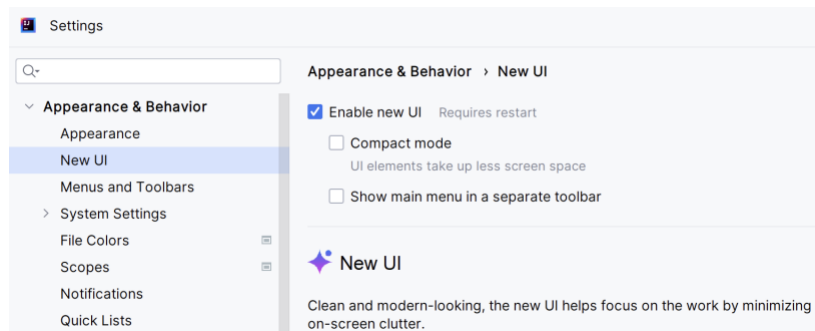
Name: **JAIG**
Program: **java**
Arguments: **-jar JAIG/JAIG.jar $FilePathRelativeToProjectRoot$ $SelectionStartLine$ $SelectionEndLine$ $SelectionEndColumn$**
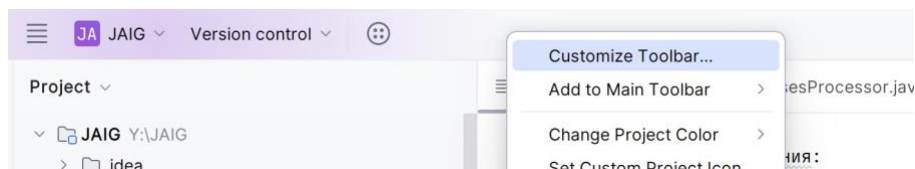Working directory: **$ProjectFileDir$**

Adding an icon to invoke JAIG

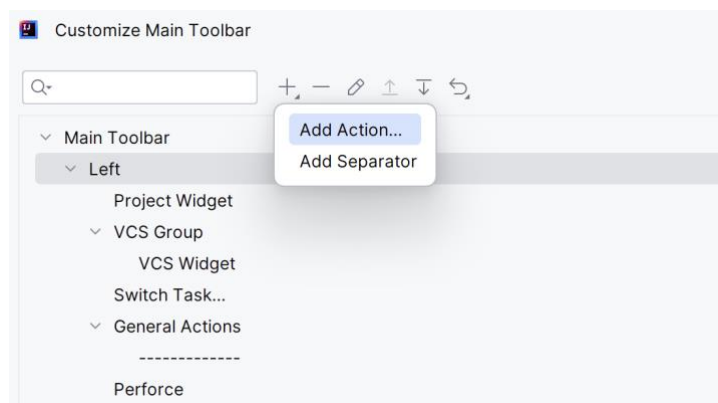To add an icon (button) for conveniently calling JAIG, you need:

1.   Switch to the new interface by selecting the Enable new UI checkbox:
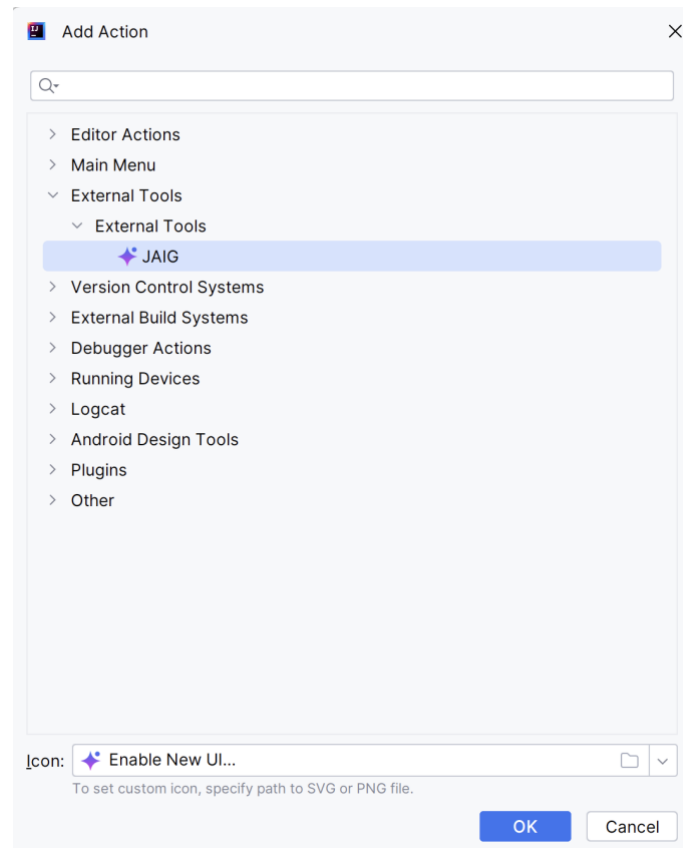

2.   Right-click on the top bar, select Customize Toolbar...

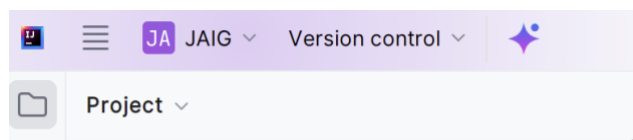3.   Select the Left section, click +, select Add Action...

4.   Select JAIG in the list, and select Enable New UI as the icon at the bottom…

Close windows with the OK button

As a result, a button for launching JAIG should appear in the header:

Next, you can select from the document tree on the left or open the file.
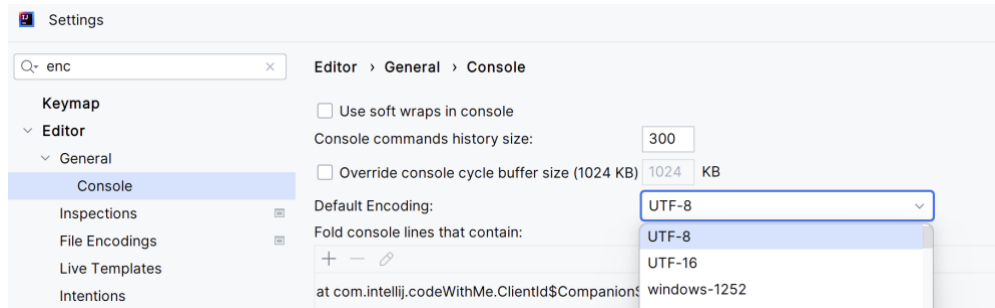
By clicking on the JAIG button, you start generating a response.

JAIG will work differently depending on the open (or selected) file:

1. **File <prompt_name>.txt selected:** A request is generated and a request is sent to the AI
2. **A .java file is selected:** if a JAIG header is present, a patch is created for this file and all files generated by this request; the patch contains changes in the files compared to the originally generated ones
3. **The .patch file or the -parsed file is selected: the patch** is applied, the result is written to the -patched folder and (if configured) to the src folder
4. **The <prompt_name>-response.txt file is selected:** the response is parsed, i.e. separate java files are created and stored in the <prompt_name>-response-parsed folder
5. **File <prompt_name>-request.txt selected:** A request is sent to the AI
6. **Folder selected**: .txt files are searched in the folder and subfolders (except for those ending in -request and -response) and their paths are added to the file <folder name>.batch at the root; such files are considered prompts
7. **The .batch file is selected**: All queries from the file are executed sequentially (except for those starting with #, which is considered a comment)
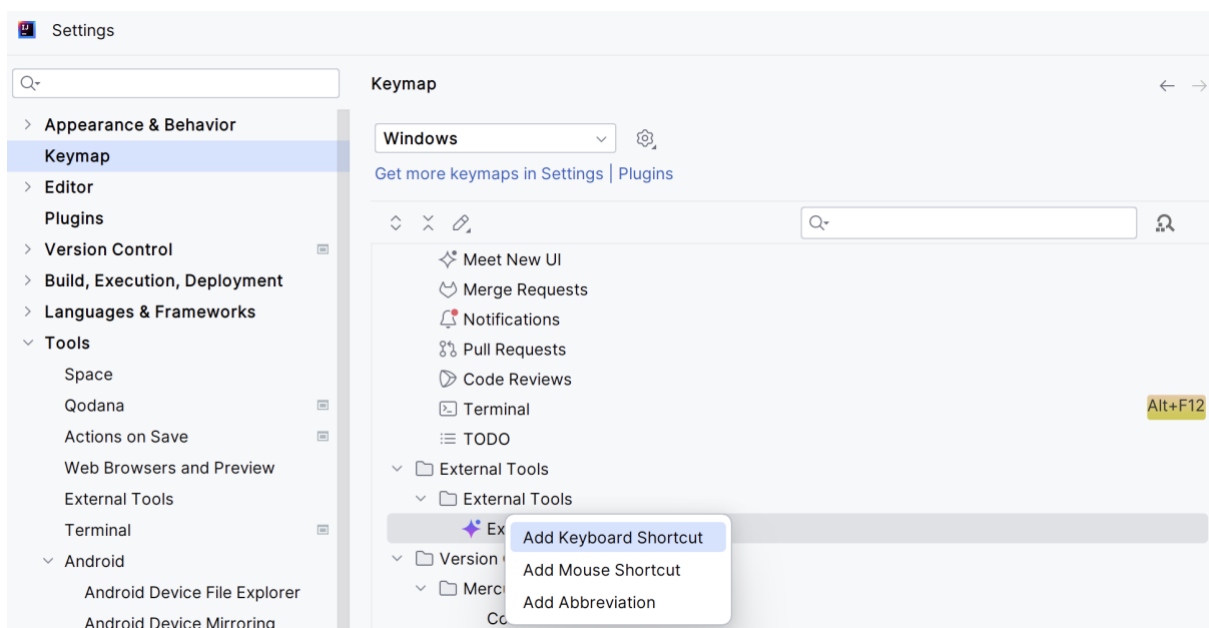
Troubleshoot encoding issues in the console

If the results are displayed incorrectly, change the encoding in the console to UTF-8:

Hotkey assignment

To assign a hotkey to call JAIG, select the settings:
Keymap -> External Tools -> External Tools -> JAIG

Assign a keyboard shortcut that is convenient for you (for example, the § button).