

# General computer science 1

## Summer semester 2023

Programming project ZIP export instructions, version: June 6, 2023



TECHNISCHE  
UNIVERSITÄT  
DARMSTADT

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## Introduction

This guide will give you a step-by-step guide on how to export the programming project as a ZIP file to submit to the Moodle platform for assessment.

If you have any questions or problems with the submission, please send an email<sup>1</sup> to:

AI1 Organisation: [larissa.werner@stud.tu-darmstadt.de](mailto:larissa.werner@stud.tu-darmstadt.de)

### Why is this guide necessary?

We have found that exporting the edited ProPros sometimes leads to errors. These can simply be empty ZIP files, for example. Since we want to avoid that you lose the points from the ProPro because the submission format is incorrect, here is a detailed overview of the individual steps.

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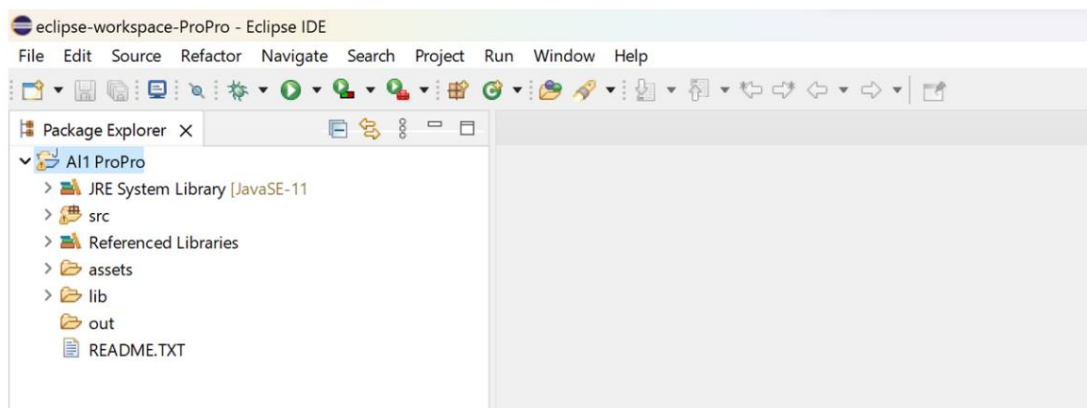
## Export in Eclipse

In Eclipse you have the option of using the Eclipse export function or generating the ZIP file from your project directory. In the following we will show you how you can implement this.

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## Eclipse export function

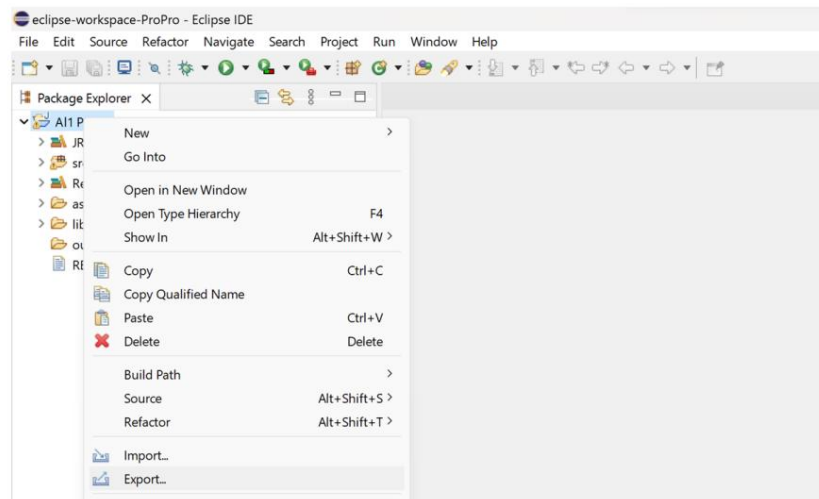
1. Open the project in Eclipse.



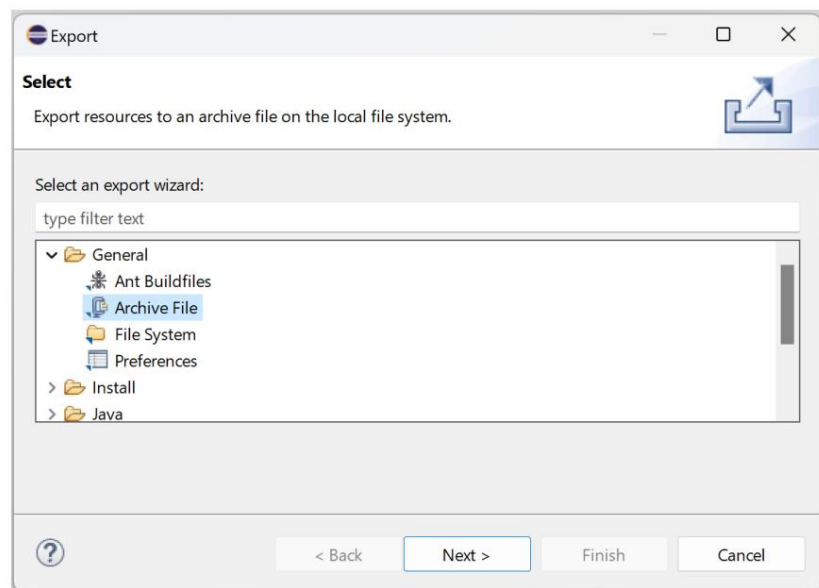
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<sup>1</sup>It is very helpful if you include a meaningful description of the error and/or screenshots in the mail in the event of problems.

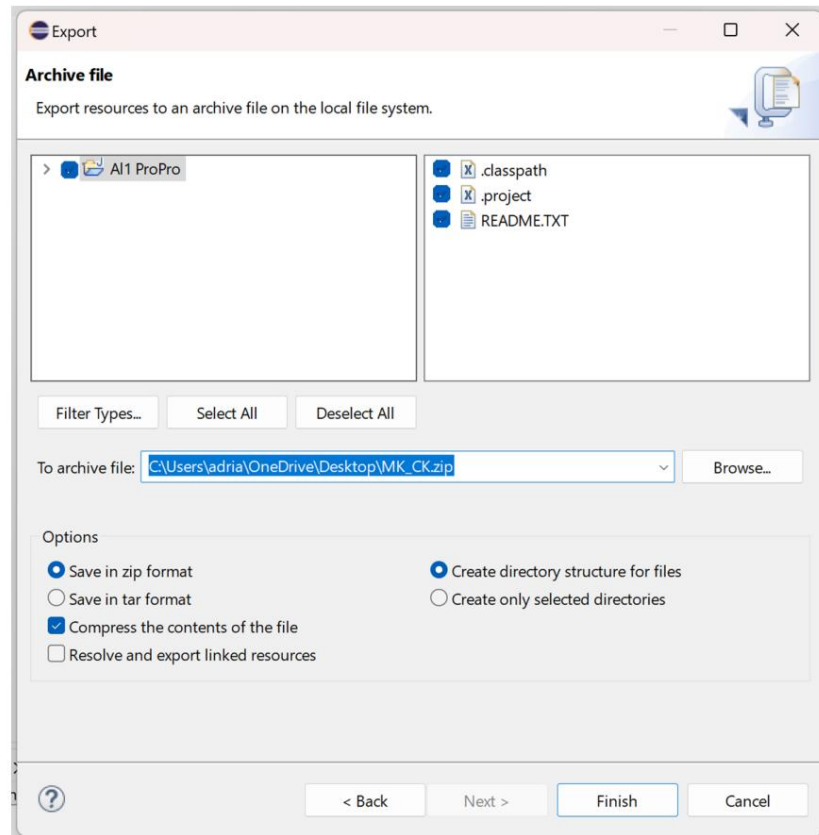
2. Right-click the project in *Package Explorer* and select **Export**.



3. In the export dialog, expand the **General** folder and select **Archive File**. Now click **Next**.



4. Select the project and enable the **Save in zip format option**.
5. Choose the location and name for the ZIP file. Enter the path in the **To archive file** field provided. The name of the file must consist of the initials of the group members and the development environment used, e.g. B. **MK\_bluej.zip** or **MK\_eclipse.zip**. In the case of groups of two, both names accordingly, e.g. B. **MK\_CK\_bluej.zip**.
6. Now click on **Finish**.



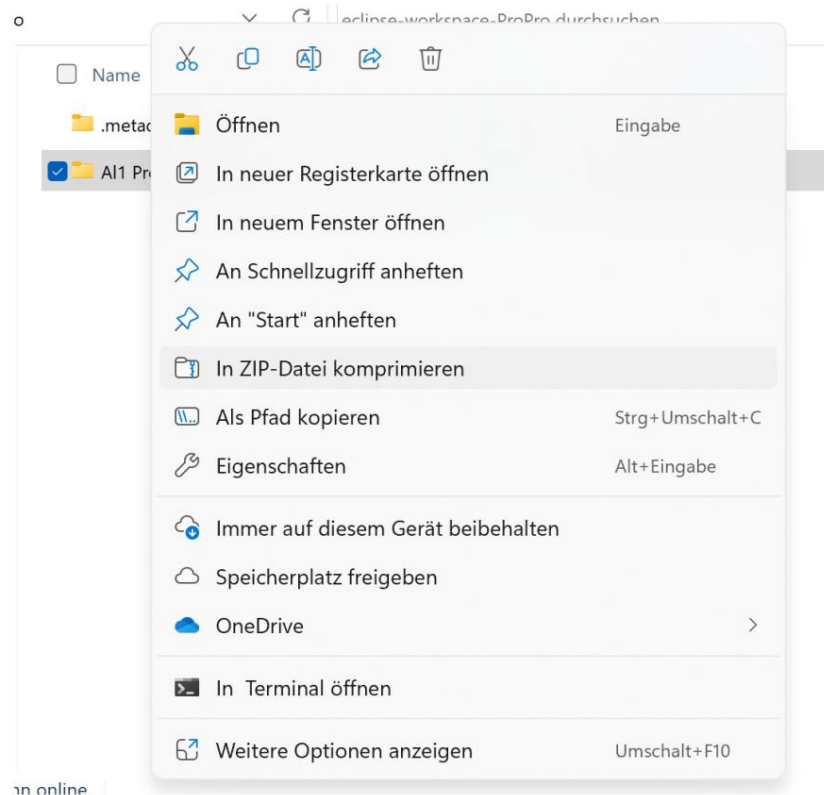
## Export of the project directory

1. Open your file management program on your computer.
2. Navigate to the location of the project directory. In Eclipse, your project resides in the Eclipse workspace.
3. Select the project.

<input type="checkbox"/> Name	Status	Änderungsdatum	Typ	Größe
.metadata		18.05.2023 15:29	Dateiordner	
<input checked="" type="checkbox"/> Al1 ProPro		18.05.2023 15:25	Dateiordner	

4. Pack your project directory as a standard ZIP file. To do this, right-click on the selected project directory. Select **Compress into ZIP File<sup>2</sup>**.

<sup>2</sup> Depending on which operating system you are using, this command can also be called **Compress...**, **Compress...** or something similar.



5. Rename the ZIP file. The name of the file must consist of the initials of the group members and the development environment used, e.g. B. **MK\_bluej.zip** or **MK\_eclipse.zip**. In groups of two, both names accordingly, e.g. B. **MK\_CK\_bluej.zip**.



## Export in BlueJ

You can also export to BlueJ via your project directory. Here, however, you don't work in a separate workspace like in Eclipse. However, the steps to export your project remain the same.

1. Open your file management program on your computer.
2. Navigate to the location of the project directory.
3. Select the project.
4. Pack your project directory as a standard ZIP file. To do this, right-click on the selected project directory. Select **Compress into ZIP file<sup>3</sup>**.
5. Rename the ZIP file. The name of the file must consist of the initials of the group members and the development environment used, e.g. B. **MK\_bluej.zip** or **MK\_eclipse.zip**. In groups of two, both names accordingly, e.g. B. **MK\_CK\_bluej.zip**.

<sup>3</sup> Depending on which operating system you are using, this command can also be called **Compress...**, **Compress...** or something similar.

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## Submission of the file on Moodle

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You can now check the ZIP file and then upload it to Moodle.

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## Check the ZIP file

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First you should check if all files were exported successfully and correctly and nothing is missing.

1. Double click on the created ZIP file to open it. This will save the contents of the ZIP file displayed.
2. Check the contents of the ZIP file to ensure that all required files and folders are present. You can do this by examining the files in the file list and making sure you have the expected file name and folder structure. Don't forget to check the subfolders of the project as well. You can also check the file size of the included files to make sure they are not abnormally small or empty in the ZIP file. An empty file usually has a file size of 0 bytes.
3. If you find that files are missing or something is not as expected, you can retry the export process or fix the problem before submitting the ZIP file.

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## Submission of your project

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Now you can submit your project to Moodle. The delivery always takes place as a group. Only one group member needs to upload the project.

1. Navigate to the *Programming Project section of the Moodle course*.
2. You can upload the project in the Programming project field , in which the task and project template are also provided. In the lower area you can see your group number, your submission status, the evaluation status and the remaining time for submission.
3. Click the *Add Submission box*. An area for submitting files opens.
4. You can now either drag and drop the submission into the field or select it from your computer by clicking in the field via *Choose file* .
5. Confirm your submission with *Save changes*. Your submission status should now *be submitted for evaluation* stand.
6. You can edit or remove your submission. It is best to try the delivery a few days before submission deadline.
7. After submitting it to Moodle, you can download your submitted project and download the ZIP file again via test.