

Getting Started with Project 4

Marmoset submission instructions Project 4

Marmoset server URL: <https://marmoset03.shoshin.uwaterloo.ca>

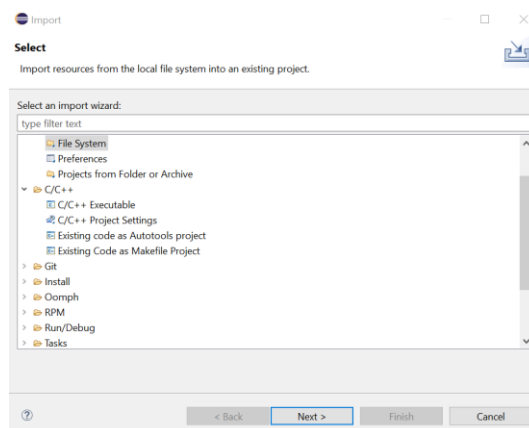
Marmoset project name: Project_4

File name (case-sensitive): History_Transaction_definitions.cpp

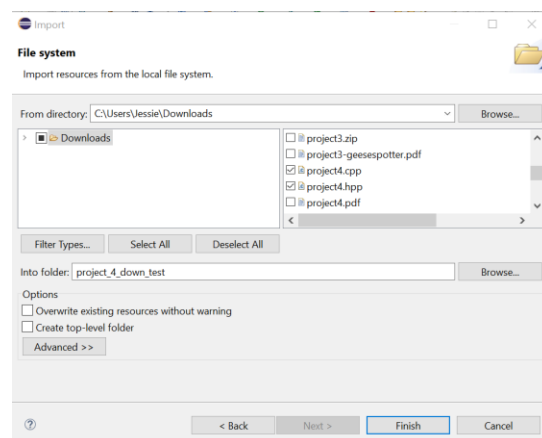
If you include the main.cpp from Learn in your project 4 folder you do not need to include one in your submission file. If you use your own main function, use the standard preprocessor directives around it.

Tips for Starting the project

1. Read the entire project description
2. Create a C++ project in Eclipse for project 4
3. Download the CPP and HPP files from Learn (they are for running project 4)
4. Import the files into your Eclipse project (These steps are for Windows)
 - Right click on the project 4 folder in the Project Explorer and select “import”
 - Select “file system” (located in the “General” folder) and then select “next”



- Select Browse (on the same line as “From directory”)
- Select the folder you wish to import from and click “Select Folder”
- Then select the files you wish to import on the right and select finish.



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Tips for first Marmoset submission

5. Write Skeleton definitions for the following member functions in History_Transaction_definitions.cpp:
 - Transaction Class functions:
 - Transaction(std::string ticker_symbol, unsigned int day_date, unsigned, int month_date, unsigned year_date, bool buy_sell_trans, unsigned int number_shares, double trans_amount)
 - ~Transaction()
 - Bool operator<(Transaction const &other)
 - History Class functions :
 - History()
 - ~History()
 - read_history()
 - insert(Transaction *p_new_trans)
 - sort_by_date()
 - update_acb_cgl()
 - compute_cgl(unsigned int year)
 - print()
6. Compile the project
7. Submit to Marmoset to ensure your code compiles there as well
8. Read project description Tasks and begin coding function definitions

Notes

- If marmoset tests are not available yet you can begin the project without submitting but please ensure to submit to Marmoset once the tests are available.
- For help with classes and their member functions, please consult the lab 8 recordings on Learn. <https://learn.uwaterloo.ca/d2l/le/content/590567/viewContent/3313773/View>
- Tasks involving the History Class require knowledge of linked lists