Compiling and running Cairo files

Compile Cairo to Sierra:

cargo run --bin cairo-compile -- --single-file /path/to/input.cairo /path/to/output.sierra --replace-ids

Compile Sierra to casm (Cairo assembly):

cargo run --bin sierra-compile -- /path/to/input.sierra /path/to/output.casm

Run Cairo code directly:

cargo run --bin cairo-run -- --single-file /path/to/file.cairo

For more information, see here .

You can also find Cairo examples in the examples directory within the main Cairo repository.

For running tests specifically, see here .

Prerequisites Compiling Starknet contracts