

# How to compile contracts

You can compile your contracts by running the following command inside your project's directory:

`genesis compile [--optimize] [--rebuild] [--no-log]` This will compile all packages in your project's contracts directory and output the wasm code under the artifacts directory.

If you are using a cargo workspace, genesis will automatically detect this and the compiled contracts will appear in `thecontracts/artifacts/`. Otherwise, they will go to `theartifacts` directory under the individual contracts.

The contracts are simply compiled and not optimized by default. For an optimized build, use the flag `--optimize` or `-o`.

In case you need to force a rebuild, use the flag `--rebuild` or `-r`. To suppress contract compilation logs, use the flag `--no-log`.

In case of compilation failure, the logs will show by default.

**i** genesis compile requires that docker to be running and configured with permissions for your user.

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