

# Compiler API

The *AlfCompiler* class provides the basic interface for compiling Alf code. The processing of a single piece of Alf text is called a *compilation*, which takes place in two steps:

1. [Parsing](#) (including constraint checking)
2. [Mapping](#)

The API allows you to carry out these steps individually (which is useful if, for example, you wish to parse but not map some code) or using a single call.

## Related Pages

- [Compiler API: Parsing](#)
- [Compiler API: Mapping](#)
- [Compiler API: Utilities](#)