

Glencore

Argon Development Notes

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Chapter 1

General Notes

1.1 Notes on Versioning

The general versioning scheme for Argon builds will comprise of three main components:

1. The *major* version number.
2. The *minor* version number.
3. Either:
 - (a) A specific build identifier (monotonically increasing).
 - (b) A specific patch/correlated fix identifier.

1.2 Source Control Notes

The Git versioning scheme for Argon is straightforward:

1. The main development branch is *mainline*.
2. Each intermediate release will have a specific branch, named in accordance with the release. Currently planned intermediate releases are as follows:
 - (a) 0.1.0 - build after the initial development sprint.
 - (b) 0.2.0 - build after the second development sprint.
 - (c) 0.3.0 - build after the third development sprint.
3. Individual feature implementations will be carried out on a dedicated branch, prefixed with the corresponding **Jira** ticket. For example, ticket number **JA-15** would have a branch named *feature JA-15-Summary*, where the summary is automatically generated as part of the development toolchain.

4. Within the local development environment, changes are mastered and then pushed to multiple remotes. (There may be multiple remotes based on the number of environments stood up).

1.3 Library Dependencies

The key libraries used throughout the build of the Argon project as given in table 1.1 below:

Library	Version	Description
.NET Core	5.0	Core .NET platform runtime
ASP.NET	5.0	ASP.NET Core library
EF Core	5.0	EF framework (plus RDBMS specifics)
Serilog	2.10.0	Logging library
Serilog.Sinks.Console	3.1.1	Console sink for Serilog
Polly	X.X	Policy library

Table 1.1: Key Argon Dependencies