Code guidelines

Description of the code design we use in the application development

- **3-layered components** — All our components should keep the data accessing (read and write), business logic and interface code separated
- **Argument validation** — Describes how and when to validate arguments
- **Code style** — The general code style used in the Java code based on the SBForge code style https://sbforge.org/sonar/rules_configuration/index
- **Construction, referencing and composing in general** — A short rattle of what to do and not to do when creating or getting references to objects
- **Exceptions** — We will lean on the Effective Java Exceptions http://www.oracle.com/technetwork/articles/entarch/effective-exceptions-092345.html guidelines.
- **Logging** — Here you can find a description of logging is implemented in the Bitrepository code
- **Writing automatic tests** — Guideline for writing good automatic test cases