Development Guide

Tools

- Git >= 2.0 for version control

Writing Guidelines

In order to have a consistent style of writing, we defined the following guidelines. These guidelines apply to all documents related to the redbackup project.

- Keep it brief, clear and objective

- Write short and straightforward sentences

- Do not use synonyms for concepts etc. (always use the same wording, e.g. 'client' or 'node')

- Abbreviations must be introduced the first time they occur in the text (except well-known ones)

- Prevent ambiguity in sentences

- Use personal style ("we") whenever appropriate; usually for the description of our work.

- When a gender-specific pronoun is required, use "he/she".

- Use present tense except for the description of (our) completed work.

Definition of Done

To maintain our high quality needs, we determined following definition of done guidelines:

- All functionality conforms to the specification. Any deviations must be discussed and decided by the team.
- A review is performed and accepted in a pull request.
    - The source code is reasonably documented.
    - No code is commented out.
    - No warnings and errors by the compiler or any other quality tool.
    - Reasonable unit and integration tests exist and pass.
    - All documentations are up to date including the project website.
    - The complete continuous integration pipeline works.
    - The code is formatted according to the guidlines (i.e. according to RustFmt)
- The corresponding branch is merged into the stable branch (e.g. master).
- All time is logged.