

(Notes) Missing Aspects

Aspects intended to be integrated but not yet designed:

1. version the spec
 - create a changelog
 - list contributors

2. Terminology/Glossary Section
 - clear definitions of all technical terms used
 - standardization of language throughout the spec
 - abbreviations explained

3. scope delineation
 - clear boundaries of what DPM does and doesn't do
 - integration points with other systems
 - expected deployment scenarios
 - non-goals explicitly stated

4. create a dedicated database recovery options section just for that
5. need a section for package creation reference

Add'l Sections Needed

1. System Boundaries & Integration Architecture
 - should define completion relationship between DPM and DON
 - how do they communicate
 - what happens if don fails

2. Build System Integration
 - how do build systems create dpm packages
 - what's the interface between build system output and package creation

- package validation requirements at build time

3. repository infrastructure

- repository metadata requirements
- repository sync mechanisms
- repository integrity verification
- repository chaining/fallback behaviour

4. architectural principals and constraints

- why transactional?
- why build system agnostic?
- why separate hooks, contents, metadata, signatures?

5. format evolution

- how will package format versions be handled?
- how will database schema changes be managed?
- backwards compatibility requirements

6. migration paths

- how to handle existing packages during format changes
- how to handle database upgrades
- how to handle hook system changes
- how to handle signature system changes