

# **(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