Towards Specification of Tango V10

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Tango 9 RFC

- A set of formal documents following COSS,
- Specifies the protocol and behavior of Tango,
- Written by the members of the Community,
- Reviewed and accepted by the editors selected from the Tango Consortium.

Tango V10 Design Goals

- Main qualities and features of Tango 9 preserved—need for Tango 9.3.3 formal specification,
- API compatible with Tango 9 (to some extent),
- CORBA replaced with modern transport protocol.

Tango 9.3.3 Specification

Feature review and selection

Tango V10 Specification

Tango V10 implementation (prototype)

COSS and C4

- COSS - Consensus Oriented Specification System:
  - Facilitates the process of writing technical specifications,
  - Specification is stored in plaintext files in a git repository,
  - Defines lifecycle: Raw, Draft, Stable, Deprecated, Retired,
- C4 - Collective Code Construction Contract:
  - Evolution of the GitHub’s Fork & Pull workflow.

Tango RFC Roadmap

1. Writing Tango 9.3.3 formal specification—ongoing,
2. Selection of features for promotion to Tango V10 specification,
3. Definition of Tango V10 scope and specification,
4. Implementation of the Tango V10 prototype (client and server with a new transport protocol).

The RFC Team has regular sync-up meetings every two weeks.

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