Configuration Management Task Status Report

Project Conference – Barcelona, May 2003

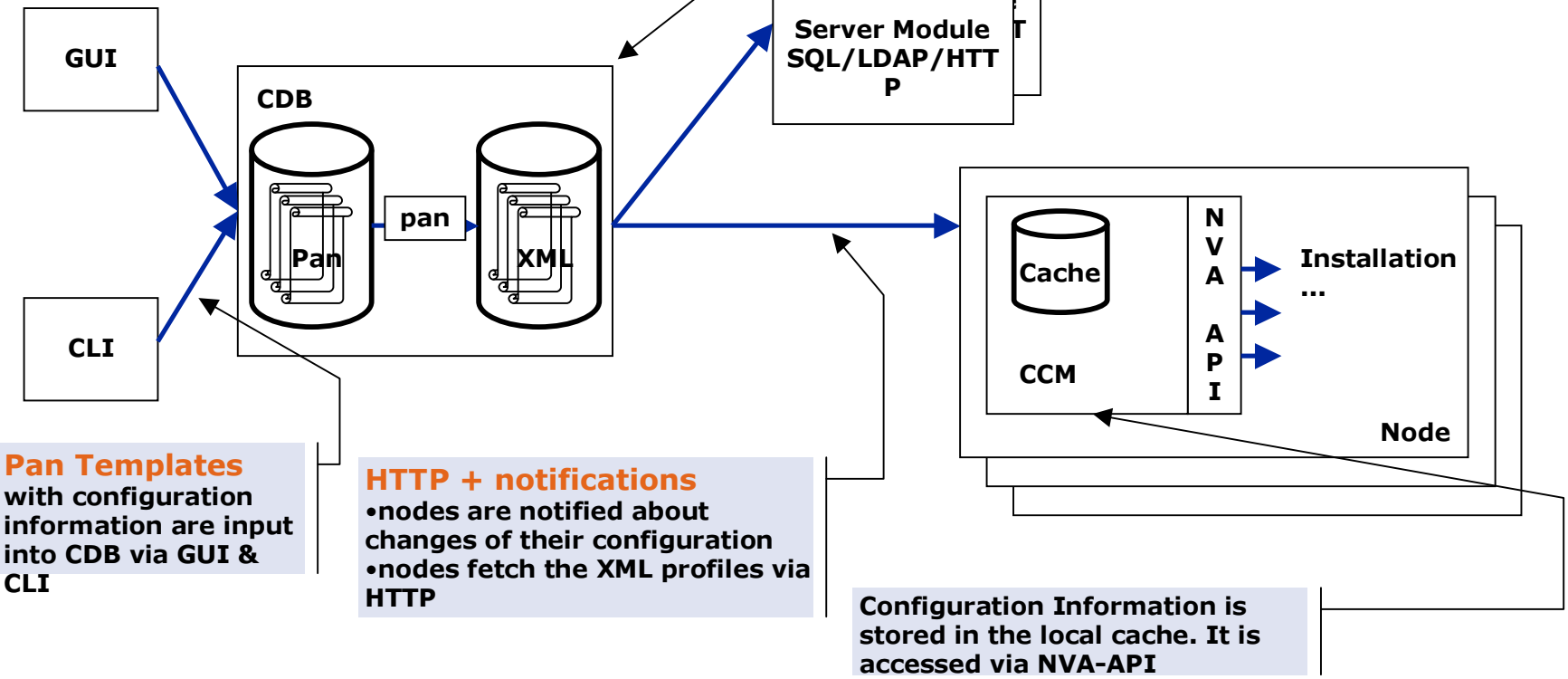
Piotr Poznanski

DataGrid is a project funded by the European Commission
under contract IST-2000-25182

Architecture Overview

Configuration Data Base (CDB)
Configuration Information store. The information is updated in transactions, it is validated and versioned. Pan Templates are compiled into XML profiles

Server Modules
Provide different access patterns to Configuration Information



Pan Templates
with configuration information are input into CDB via GUI & CLI

HTTP + notifications
- nodes are notified about changes of their configuration
- nodes fetch the XML profiles via HTTP

Configuration Information is stored in the local cache. It is accessed via NVA-API

Developments till the end of the project

- 2.1.4. Scalability
- 2.1.5. CDB notification for synchronisation
- 2.1.6. CDB Server Module for XML Replication
- 2.1.7. CDB SQL Server Module
- 2.1.10. Command Line Interface
- 2.1.14. CCM Schema Checking
- 2.1.2. More built-in functions

- 2.1.9. Security
- 2.1.11. GUI

Delivery / Status

- 2.1.4. delayed, end of April -> June
- 2.1.5. delayed, end of April -> end of May / beginning of June
- 2.1.6. not started, middle May -> end of May
- 2.1.7. delayed, middle May -> end of May
- 2.1.10. not started, October
- 2.1.14. not started, end of May -> middle June
- 2.1.2. on-going, no deadlines

- 2.1.9. not started, -
- 2.1.11. -

Miscellaneous

- After Peaceful time, we're getting deployed:
  - Design/implementation getting validated
  - but also additional "unscheduled" work:
    - Providing help and expertise
    - New features (Pan namespaces)
    - (Implementation/Design) Bug and their fixes (CCM / CDB)
  - Source of requirements
- Getting contribution from Solaris people (maybe will help with GUI), already afford in porting CCM and CDB to Solaris

- Reshuffling tasks