Aperi Roadmap

Eclipse Aperi Storage Management Project

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Made available under the EPL 1.0

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Oct 06   Dec 06   Q107   Q307

R1   R2   R3   R4

- R1
  - Open, standards-based framework
  - Initial IBM contribution
    - Topology viewer
    - Disk storage discovery, reporting, alerting, and management via SMI-S
    - Tape library discovery and reporting via SMI-S
    - Fabric topology discovery, reporting, alerting, and zone configuration via SNMP, GS3
    - Filesystem capacity reporting via host agent
  - Downloadable and demo-able
  - Community evaluation

- R2
  - Componentization of architecture
    - Reuse of Aperi framework components in other applications
  - Extensibility through Eclipse Platform
    - Dynamic plug-ins extend framework

- R3
  - Initial Eclipse Rich Client Platform GUI
    - Refactored GUI using dynamic plug-in architecture
    - Topology viewer plug-in
    - Custom report designer from Eclipse BIRT project

- R4
  - Broad SMI-S profile support
    - SMI-S Fabric & Switch profiles
    - SMI-S NAS profile
  - Unified Storage support (FC, NAS composite view)
  - Rich set of data and control operations across multiple vendors' hardware
  - Complete Eclipse RCP GUI

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Future Work Items

- These items are of interest to the community but are not associated with a roadmapped release yet
    - IP storage support
    - Additional SMI-S support
        - SMI-S Virtual Fabric subprofile
        - BSP profile
        - Performance statistics for unified storage via SMI-S
        - Host profile
    - CLI
    - Remote install & upgrade of host agents
    - Role-based access control – finer-grained role definition and application to profiles
    - Increased support for storage virtualization (beyond inband virtualizer)
    - Application awareness

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