



iRODS

iRODS 4.3 and Beyond

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Nothing scary will happen

- hardening of 4.2
- testing
- backlog of issues

- Reference Implementations
 - audit plugin (done)
 - indexing
 - metadata storage
- Multipart Data Objects
 - improve transport speeds (parallel and/or multisource)
 - cache-free object storage (S3, WOS, etc.)
 - reliable restarts
 - 8th plugin interface - pluggable transport
- GenQuery v2 (GQv2)

4.2 was about sending things out

- Dynamic PEPs
- Pluggable Rule Engine
- Enterprise Messaging

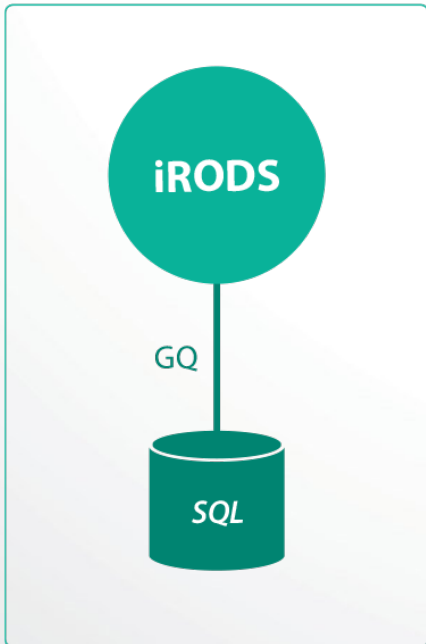
4.3 (and friends) will be about bringing them back

- Facilitated by GQv2

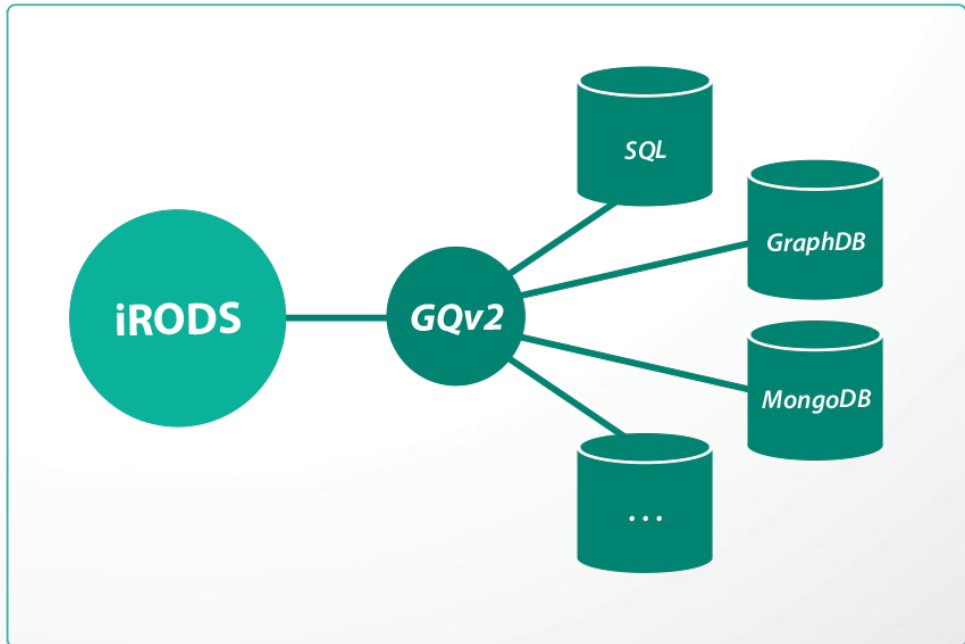
Big Picture - GenQuery



Current GQ

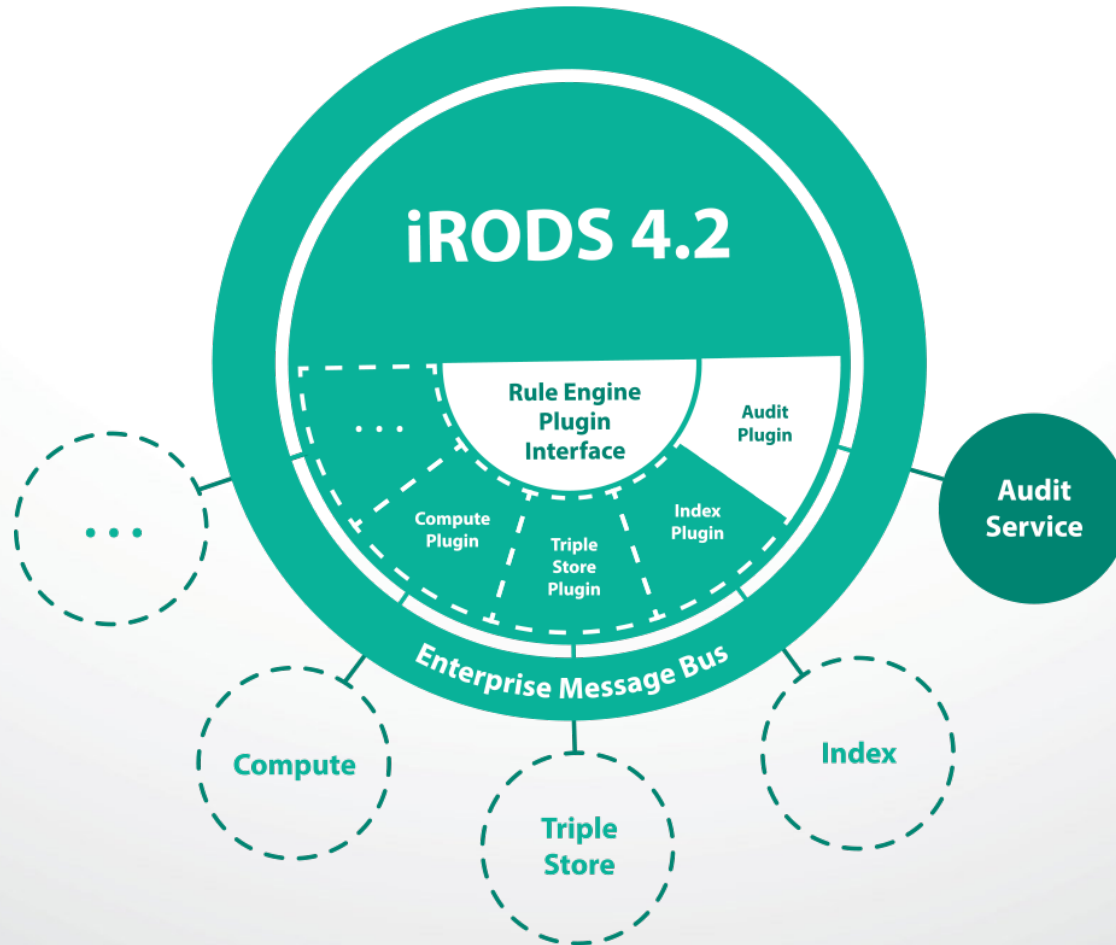


Future GQv2

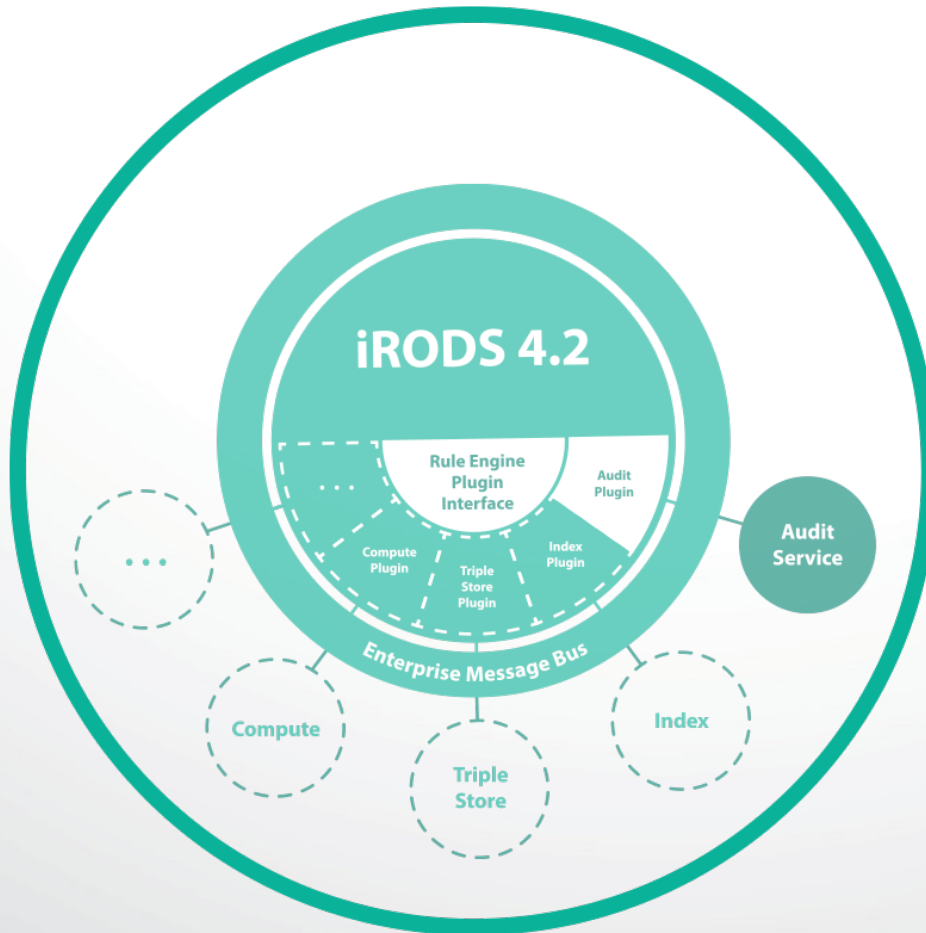




Enterprise Messaging - Scatter



Metadata Virtualization - Gather



iRODS 4.3

GQv2 - Suite of Plugins
Virtualizing Metadata

