

OSUOSL Design Discussion

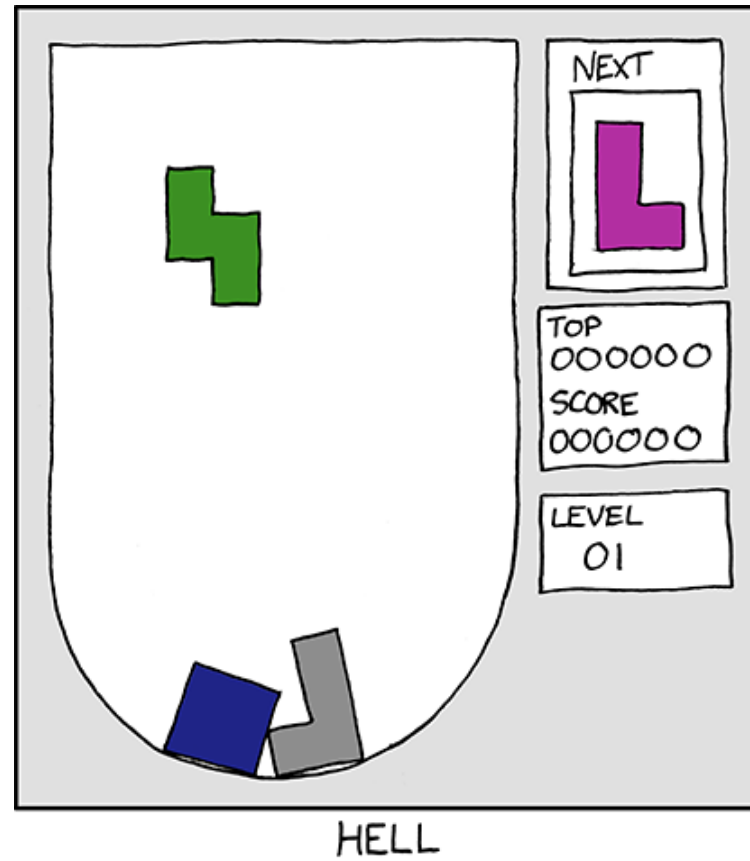
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Overview



Overview



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It's all about the RAPI

RAPI Documentation

RAPI Performance

Third Party Design Considerations

Extras

RAPI Documentation

Documented return status, http status, etc

API versioning

RAPI Performance

Goals

Minimize the difference between Ganeti's state and our knowledge of Ganeti's state

Avoid waiting around for Ganeti

Fast access to cluster and instance state

Slower access to cluster and instance details

Feedback: Is my VM ready yet?

RAPI Performance

Cache state in memory for fast access?

Optimized status endpoints?

Separate metadata daemon/API

RAPI Job/Status Tracking

`/jobs/<id>/wait`

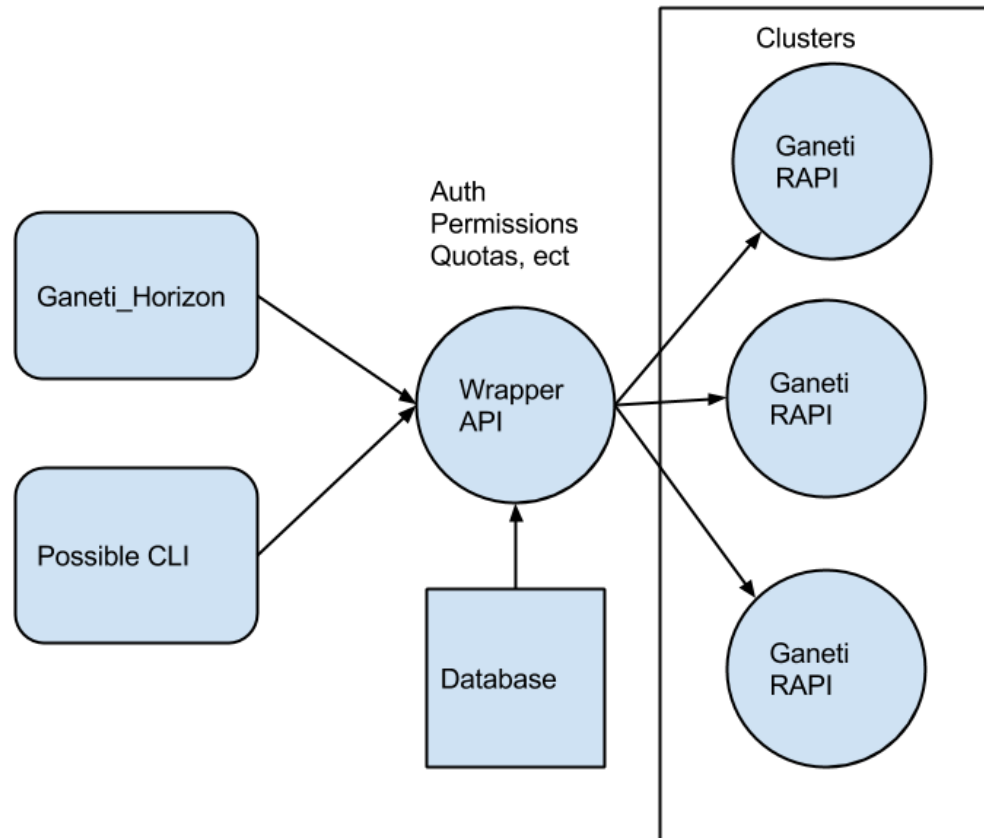
Polling

Watcher daemon

Central reporting

Callback URL

Third Party Design Considerations



Third Party Design Considerations

API design - converging on Openstack?

Best practices

Extras

Authorization setup via RAPI

Log / Job history access

Discussion

- What can OSL do to help?

Thank you!

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