

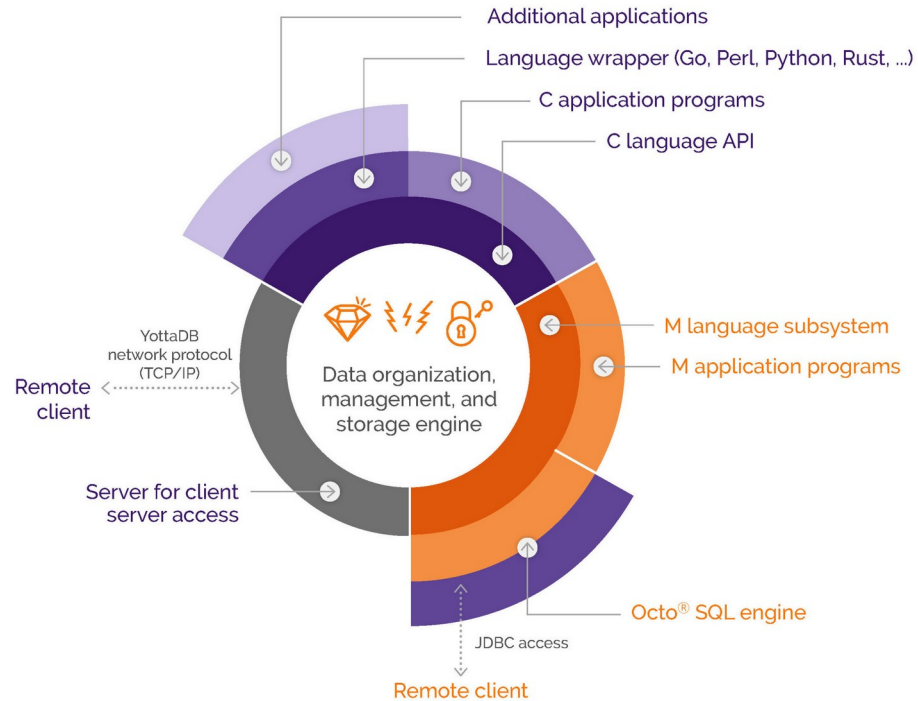
YottaDB Management GUI Recent Updates

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- A mature, high performance, hierarchical key-value, language-agnostic, NoSQL database whose code base scales up to mission-critical applications like large real-time core-banking and electronic health records, and also scales down to run on platforms like the Raspberry Pi Zero, as well as everything in-between.
- *Rock Solid. Lightning Fast. Secure. Pick any three.*

Architecture

YOTTADB DATA-CENTRIC ARCHITECTURE



Why a GUI?

- Do you remember how to change a key size on MUPIP?
 - Is it -key, or -rec?
 - How do you update the original GDE definition?
 - Does it go on the region or segment?
- Is it MUPIP JOURNAL or MUPIP SET to turn on a journal?
- How much free space do I have, and how much can I extend my database?
- Is my database file in good health right now?
- A GUI is for you!

Database: Healthy

Journaling: Healthy

Replication: Disabled

Host name: 6a7fa7f3456f

Repl. Instance name: Not configured...

Storage Usage:



DEFAULT: /data/r1.39_x86_64/g/yottadb.dat
 DEFAULT: /data/r1.39_x86_64/g/yottadb.mj1
 YDBAIM: /data/r1.39_x86_64/g/%ydbaim.dat
 YDBAIM: /data/r1.39_x86_64/g/%ydbaim.mj1
 YDBJNLF: /data/r1.39_x86_64/g/%ydbjnlf.dat
 YDBOCTO: /data/r1.39_x86_64/g/%ydbocto.dat
 YDBOCTO: /data/r1.39_x86_64/g/%ydbocto.mj1

34 %

Regions:

	Name	Database path	Database	Journaling	Replication
	DEFAULT	/data/r1.39_x86_64/g/yottadb.dat	Healthy	BeforeImage	Disabled
	YDBAIM	/data/r1.39_x86_64/g/%ydbaim.dat	Healthy	BeforeImage	Disabled
	YDBJNLF	/data/r1.39_x86_64/g/%ydbjnlf.dat	Healthy	Disabled	Disabled
	YDBOCTO	/data/r1.39_x86_64/g/%ydbocto.dat	Healthy	BeforeImage	Disabled

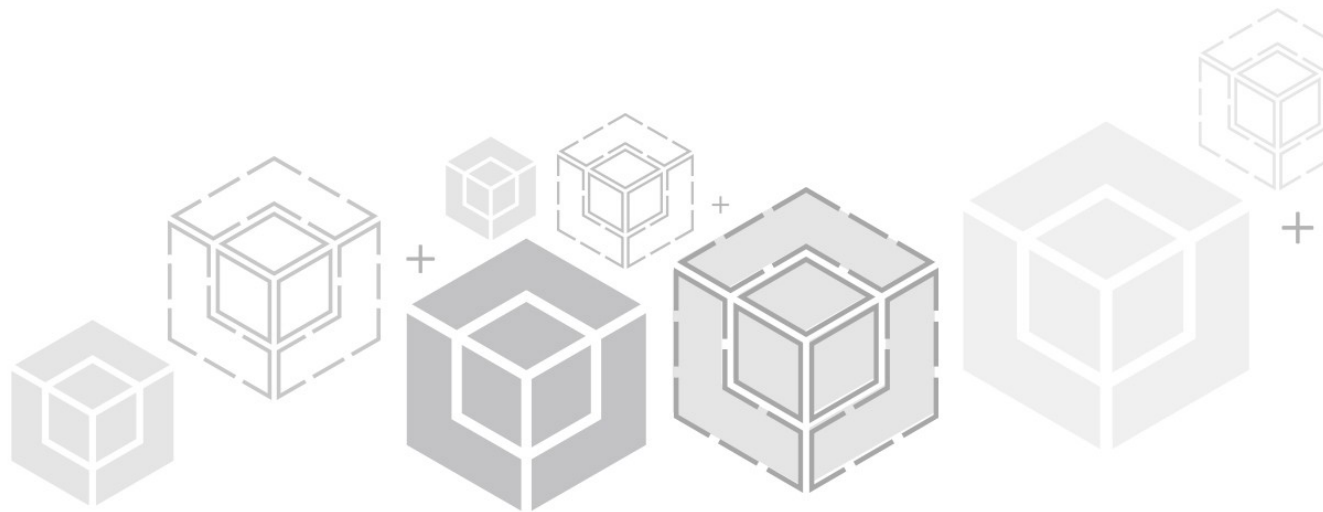
Functionality Implemented since last VCM (1/2)

- Global viewer finished
- Lock manager filter
- Routine Viewer (inc .so)
- Read-only mode
- Proxy Set-up doc
- MUPIP REORG
- MUPIP INGEG
- MUPIP BACKUP
- Journal File linkages
- Background processing
- Journal file switch
- List of global mappings

Functionality Implemented since last VCM (2/2)

- Display replication instance name and status
- Copy to Clipboard
- Users and Log-in
- List of globals by database file (including "Zombie" detection)
- Sizing of said globals
- JSON/\$H detection in globals
- Octo GUI
- Journal size switch meter
- Preferences dialog
- Ability to customize alerts by region

Demo



Try for yourself (port 8089)

```
docker run -dp 1338:1338 -p 8089:8089 --name=octo-vehu  
yottadb/octo-vehu:latest-master
```

Install and Running on your instance

- `$ydb_dist/ydbinstall --gui --plugins-only`
- Add `$ydb_dist/plugin/o_ydbmwebserver.so` and `$ydb_dist/plugin/o/_ydbgui.so` to your `$ydb_routines` (or use `ydb_env_set`)

```
$ydb_dist/yottadb -r %ydbgui [--port nnnn]
```



YottaDB
Thank You!

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