



# YottaDB Web Server

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# Outline

- What is it? Why?
- New Features

# What is it? Why?

- Code base
  - <https://gitlab.com/YottaDB/Util/YDB-Web-Server>
  - Forked from <https://github.com/shabiel/M-Web-Server>
- Why?
  - Part of the stack of YottaDB GUI
  - It was becoming obvious that we needed to add backwards incompatible features
    - Auto encoding/decode of JSON
    - Complete no-configure running mode
    - STDOUT logging
  - Supporting Caché is not possible for me now, and I am the sole maintainer of the original project

# History

- Created by Kevin Meldrum for the VPR project in early 2010s
  - Code in Flight release from the VA
- Forked by me to make it a generalized REST server that operates based on configuration files in VistA
- Added File Serving mode for VA-PALS project, which uses the M-Web-Server
- Christopher Edwards added configuration-less mode for a prototype of YottaDB GDE GUI prototype
- Forked now to YDB-Web-Server

# New Features already implemented

- STDOUT logging (just like `python3 -m http.server`)
- CI Pipelines
- CTRL-C to stop the server
- Use no globals by default
- Re-namespaced to `%ydbweb`
- (pre-move) A couple of UTF-8 fixes
- (pre-move) Gzipping some binary files added a CR at the end

# New Features planned

- Auto encode/decode JSON in web server
- Implementing File cacheing mechanisms instead of the crude cache now implemented
- Implement chunked Data Streaming
- Harmonize the M calls parameters between GET and POST



YottaDB

*Thank You!*

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