

## Midas current development state (July 2015)

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General trends - better security, removal of limitations, more AJAX, JSON, Javascript, Web support

### Better security

- mhttpd mongoose web server (https, web sockets, passwords)
- mserver and RPC access control lists
- cannot "firewall" midas, yet

### Removal of limitations

- POSIX shared memory (up to 2GB event buffers)
- no MAX\_EVENT\_SIZE limit (up to 1GB events)
- new history storage implementations (plot with 5 years of data generated in seconds), SQL history storage.

### Web support

- JSON support for ODB access (odbedit save odb.json & etc)
- javascript access to ODB and many MIDAS functions (jget, etc)
- plans to move towards JSON-RPC over HTTP/HTTPS

### Other - GET\_RECENT, web "chat" function, cm\_watch,

- parallel (multithreaded) run transitions
- latest benchmarks - can do 1000Mbytes/sec to disk
- mlogger gzip, bzip2, lz4 compression
- lazylogger scripts for cache, castor (no amazon S3 yet)

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