

Erbium

- Goals
 - Ease networked embedded development
 - Use Web technology on tiny devices
- Thin Server Architecture
 - Devices are origin (server) of physical state
 - In REST the server side is efficient
- API
 - Provide resource handler API for the app developer
 - Hide networking details
 - Minimal client API (run mashups on larger devices)

Erbium

- Experiences
 - Small footprint while CoAP-feature complete
 - Originally stable
 - Optimizations conflict with open source
- Issues
 - Hastily added features
 - Implications of changes unknown / not studied
 - Mainly bugs due to memory mismanagement