Office of Water. NSW
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apps4nsw

http://realtimedata.water.nsw.gov.au

... /mobile

JSON webservices

Time Series
Site and metadata

River Sites
Storage Sites
Groundwater Sites

Field Hydrography

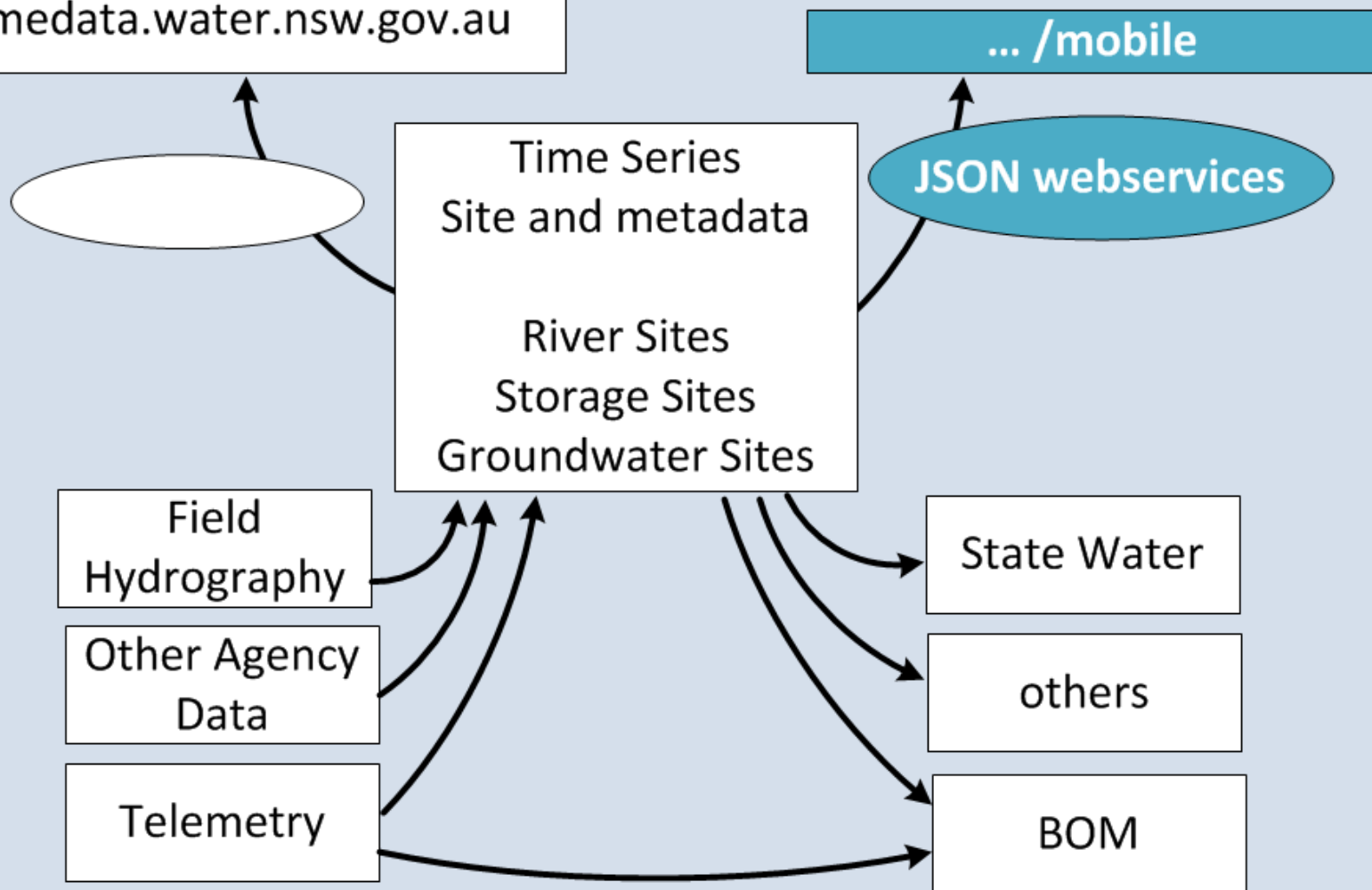Other Agency Data

Telemetry

State Water

others

BOM

Open Water Data a road map

Surface and Groundwater data

Water quality discrete – ~300 measuring programs, ~60years, 600K samples

River biology – ~60 longitudinal experiments, ~400K taxa, ~15years, ~2M+ counts

(almost) Common Site-Id with Latitude, Longitude and Elevation

Date-time of samples, Measuring-Program

Prepared outputs

Simple web services

Standards – WDTF, WaterML 2 web services

Open Data - Open Science – Simple Access

http://creativecommons.org/licenses/by/3.0/au/

Practice:

- Some of water data is widely used
- Need to work on implementations and that scale.
- Want more data to be used. (would like to know where/how)

Open to people working with us – directly or indirectly.
Open to proposals …

Office of Water will host an AppEvent with <u>facilitators and tools</u>.
- Invite (External and Internal) / (Ideas and Technical)

http://realtimedata.water.nsw.gov.au/ (~500K visits PA)
http://realtimedata.water.nsw.gov.au/mobile
https://github.com/tonycaine/pages-for-appchallenge