



**Australian Government**

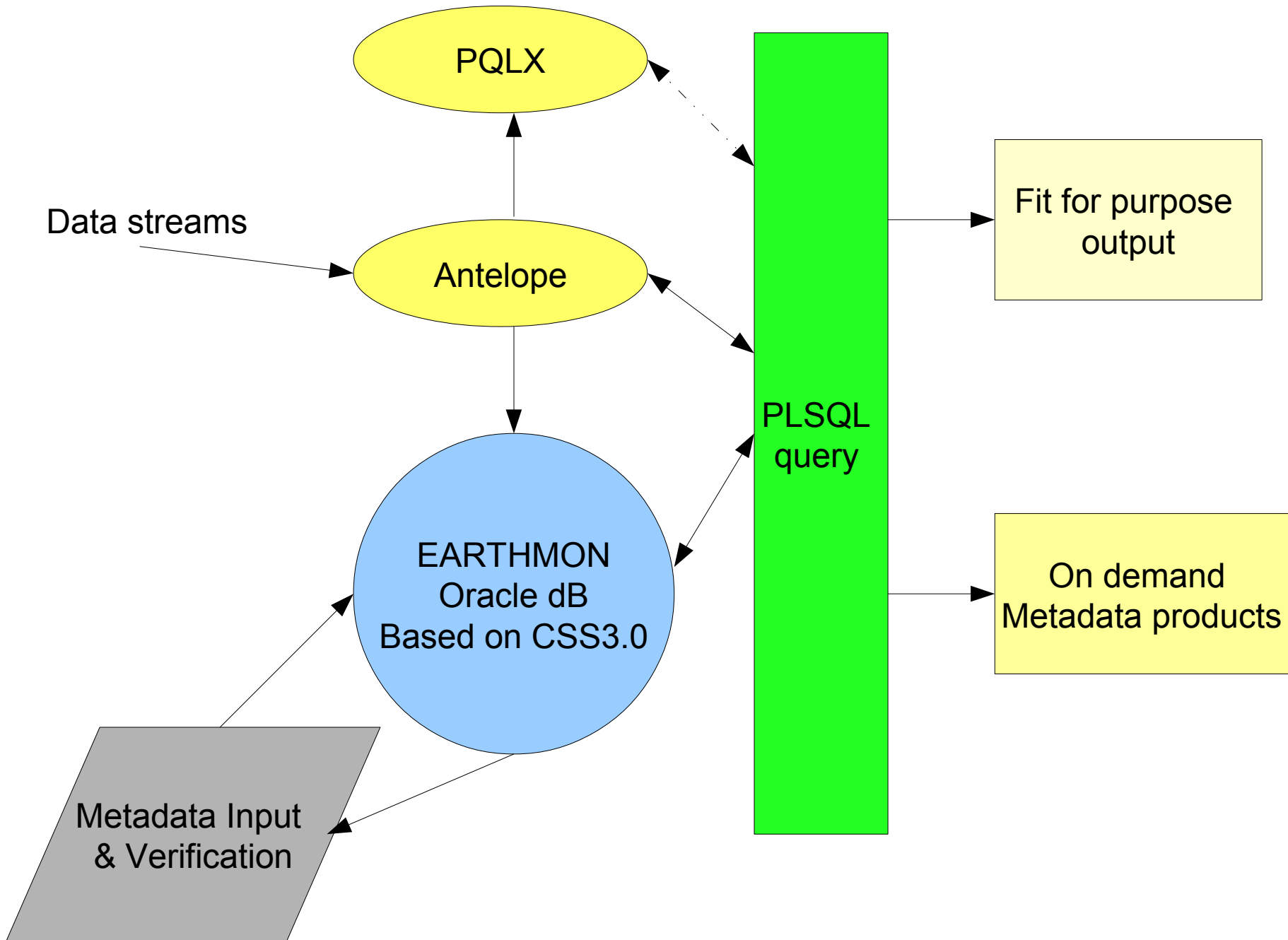
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**Geoscience Australia**

# GA QA/QC/SoH architecture framework

FDSN WG III @ IUGG 2011

Tim Barton

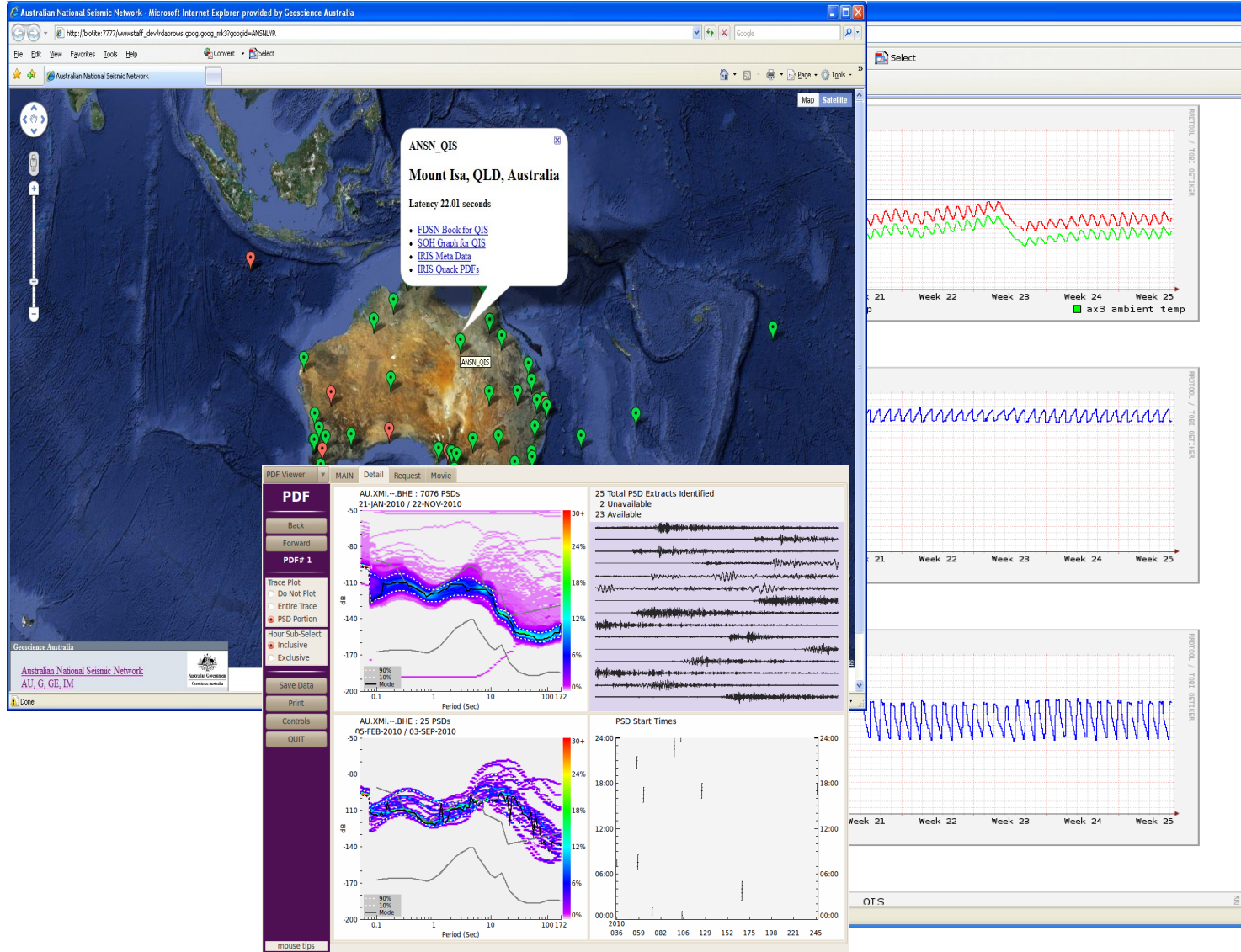


# Metadata products

The image displays four overlapping browser windows from Geoscience Australia, showcasing various metadata products:

- Australian National Seismograph Network Portal Entry:** A landing page with navigation links such as "FDSN Station Book", "XML Output Link", "Google Map Station Interface", "HTML Station Interface", "XML Layer", and "Further directions, FLOT".
- FDSN Network Listing:** A page titled "Australian National Seismograph Network (AU)" that lists stations in the ANSN Network. It includes a section for "Australian National Temporary Station (ANTMP)" with the station ID "KALGOORLE APRIL 2010 AFTER" and a link to "KALGOORLE APRIL 2010 AFTER".
- FDSN Station Book:** A page titled "ARMA - Armidale, NSW, Australia, Australia" providing detailed information for the ARMA station as of Oct 2010. It lists the Director (Unassigned Station), Network (ANNSN), Address (Geoscience Australia), and various contact details. It also includes "Open Station" and "Parent Organization" information.
- ARMA - Armidale, NSW, Australia, Australia:** A detailed page for the ARMA station, including "Information for ARMA as of Oct 2010", "Station: Armidale, NSW, Australia, Australia", "Director: Unassigned Station", "Network: ANNSN", "Address: Geoscience Australia", "Contact: Tel: +61 2 6249 9625, Fax: +61 2 6249 9609, Email: [isa.hutton@ga.gov.au](mailto:isa.hutton@ga.gov.au)", "Open Station: No", "Parent Organization: Geoscience Australia", "Coordinates: Latitude: -30.4198, Longitude: 151.621", "Depth to Sensor: unknown", "Geology: ARMA is located within a series of sedimented and metamorphosed volcanic and sedimentary rocks.", "Vault Conditions: Current peer processed directly onto bedrock, converted by an in-house building computer, covered by overheads. Unlabelled instrument room.", "Site Description: Located in the Eastern Background seismic zone, ARMA is approximately 400 km from the Laramide Slope seismic zone and about 400 km from the eastern edge of the Lower St Lawrence zone. It 1000 ft are more or less seismic zones (2'-5.6" - 1.9" in the Laramide Slope zone. There is no significant varied seismicity within 400 km of ARMA.", "Addresses from which to obtain data: Additional address from which to obtain digital data: Station Instrumentation

# Fit for purpose



# WGIII Station Book questions

- Is it of value to users?
- Seismic noise level - ?link to QUACK or PQLX output from network or DMC
- Most useful format for channel data configuration?
  - Eg << IRIS SEED Reader, Release 5.0 >> format

