

**Action Items from 2017 WG III meeting
Kobe, Japan**

Action Item 2017:1 IRIS to investigate with GEMPA about the possibility of adding this matchtimeseries feature in the station service specification. The matchtimeseries parameter will continue to be an “optional” parameter in the station service.

Responsibility: Ahern

Status: This has been implemented in the station service within SeisComp3. *Considered closed at this time*

Action Item 2017:2 WG III recommends that QuakeML be made an FDSN standard and managed within WGII.

Responsibility: Clinton and Trabant as Chair and Vice Chair of WG II

Status: *considered closed as this was passed to WGII.*

Action Item 2017:3 Ahern will see if these three capabilities (availability, timeseries, and timeseriesplot) can be added to SeisComp3 if funding can be found.

Responsibility: Ahern

Status: *A complex method using ObsPy dependencies for timeseries was implanted by ISTI. It is available but IRIS will not support this further due to the ObsPy dependencies. IRIS is still considering implementation of timeseriesplot if funds are available. IRIS has provided support for the availability service. The availability service is considered essential to make the federated data center system more performant as station numbers increase. This is considered closed.*

Action Item 2017:4 Tim Ahern to look at the DOI form and see if all required metadata be supported on the FDSN form from which DOIs are minted. Adjustments in the form may result.

Responsibility: Ahern

Status: *IRIS webmasters have enhanced the form so that additional field sin the DOI can be added. We observe that few networks provide this additional information even though support is now available in the form. Considered closed at this time.*

Action Item 2017:5 Continue contacting organizations to become federated data centers. This would mean they still have control over their data, rather than sending it to another data center where control could be lost.

Responsibility: all FDSN members

Status: *IRIS has contacted a number of other centers advocating for this approach. These include*

- *6 centers in Africa (Ethiopia, Uganda, Malawi, Zimbabwe, Kenya, and Botswana),*
- *KIGAM in South Korea,*
- *KRNET in Kyrgyzstan,*
- *Still in contact with JAMSTEC as their services are not FDSN compliant*
- *Canada, and*

- *Mexico.*

New members of the federated system include:

- *TEXNET (USA),*
- *IES/BATS in Taiwan,*
- *AUSPASS in Australis are current members of the federated system.*

IRIS now supports FDSN federated access to the PH5 Repository in addition to the SEED repository. Action Item considered closed but still anticipate new members joining in the future.

Action Item 2017:6 Explore building a working group to work on the issue of a registry for FDSN services.

Responsibility: Clinton and Trabant/Stults (IRIS)

Status: *Significant progress on this. This will be presented during the WGIII meeting. Considered closed at this time.*

Action Item 2017:7:

Further discussion related to the use of https should be handled via email, but that a time limit should be imposed to allow for closure.

Responsibility: Sleeman

Action: *Quinteros will present thoughts on this during the WGIII meeting. Considered an on-going activity.*