



TimeDomian  
Interest group  
May 2017

IVOA interop 2017

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Interest Group

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IVOA Interop 15-19/05/2017



VOEvent, current and future.

Presentation by Maria Patterson from LSST describing plans to use Apache Kafka for alert delivery within LSST.

We need to evaluate what effect this may have on future versions of VOEvent and VOEventTP.

Presentation by Pierre Le Sidaner from PADC on their experience of using VOEvent.

Very productive discussion about provision of a replay and/or catch-up facility for VOEvent.

Providing useful feedback on what are probably errata in the current specification

Which provided useful insight into how people think about events and event processing.





## Time Series, datamodels and discovery.

Presentations by Jiri Nadvornik and Mark Cresitello-Dittmar outlining the cube based data model.

Presentation by François Bonnarel summarizing the work on data discovery at the recent Asterics meeting in March.

A number of presentations describing new use cases with time series data.

Making progress towards a common understanding of what is needed.

Some of them are already planning to experiment with applying the cube data model to their data.

Possibly enough to develop some prototype implementations for data discovery.



Useful and informative discussion about serialization of STC.



Finding the right balance:

- Simple enough to be usable.
- Complex enough to be useful.





Time Series, datamodels and discovery.

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Following the success of the joint session with DAL, DM and TimeDomain.

We plan to create a joint working group specifically tasked with developing solutions for the time series use cases.

If you would like to participate, Please post an email to the time domain mailing list, or contact me directly.

Time domain mailing list  
[voevent@ivoa.net](mailto:voevent@ivoa.net)

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Thank you for your participation, making this a very interesting and productive meeting.

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