

Evolving VOEvent in response to community feedback 2018 ++

VOEvent should be designed
by the people using it.



Evolution based on interoperability

Minor version number 2.x

- Small changes to the existing schema.
- Adding things to the existing schema.
- Compatible with existing software
Comet, 4piSky, etc.

VOEvent for planetary science Observatoire de Paris

- Small changes to WhereWhen to support
solar system and planetary reference frames.
- Working with time domain group to ensure
that the changes will be backwards compatible
with existing 2.x software.

VOEvent for Fast Radio Bursts arXiv:1710.08155v1 [astro-ph.IM]

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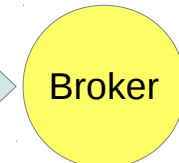
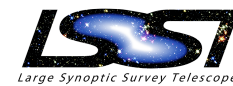
Join the discussion
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Mailing list
<http://mail.ivoa.net/mailman/listinfo/voevent>

Major version number 3.x

- Large changes to the schema.
- New data formats, JSON, Avro etc.
- Next generation software, Kafka etc.

High data rate
> 10^4 Hz



Filtering
processing
annotation

Existing
VOEvent
infrastructure

Low data rate
< 100 Hz

