

# **Workshop #2: Standardizing VOEvents and Archives**

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Talk: Dave Morris, University of Edinburgh

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# Brief Introduction

- A VOEvent message communicates an *event*
- Message contains many identifiers, about event *and* source
- VOEvents can be stored in an archive or acted on immediately
- In simplest implementation

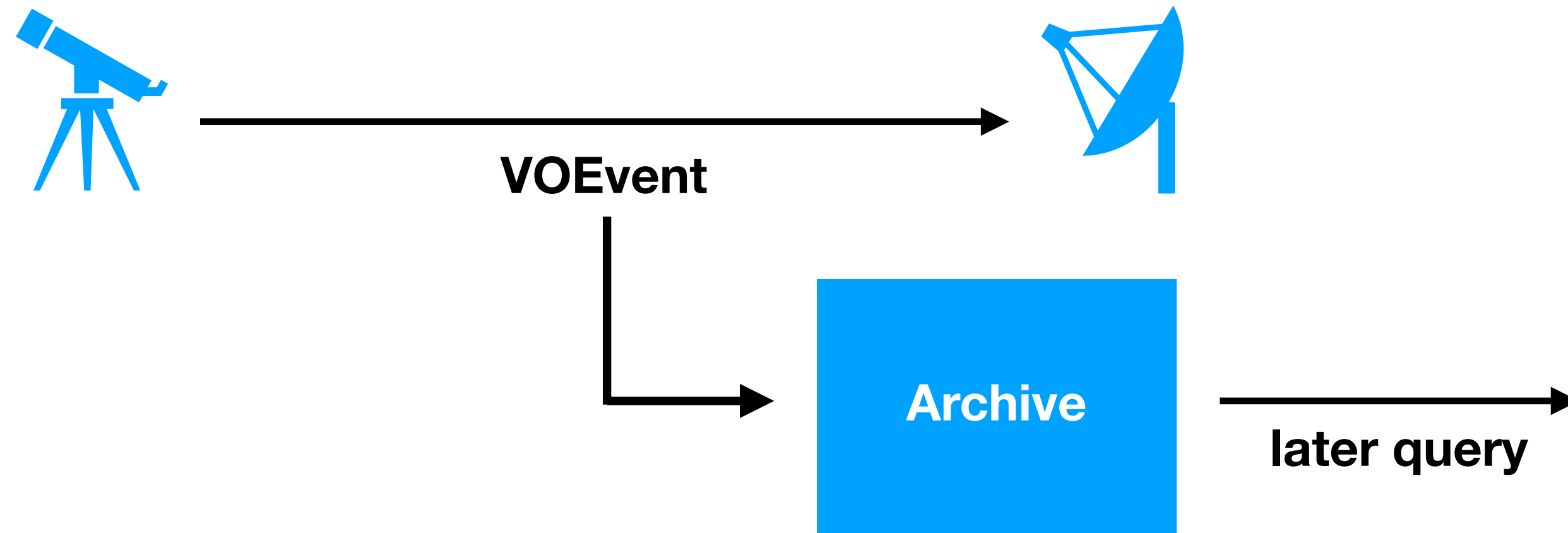


VOEvent



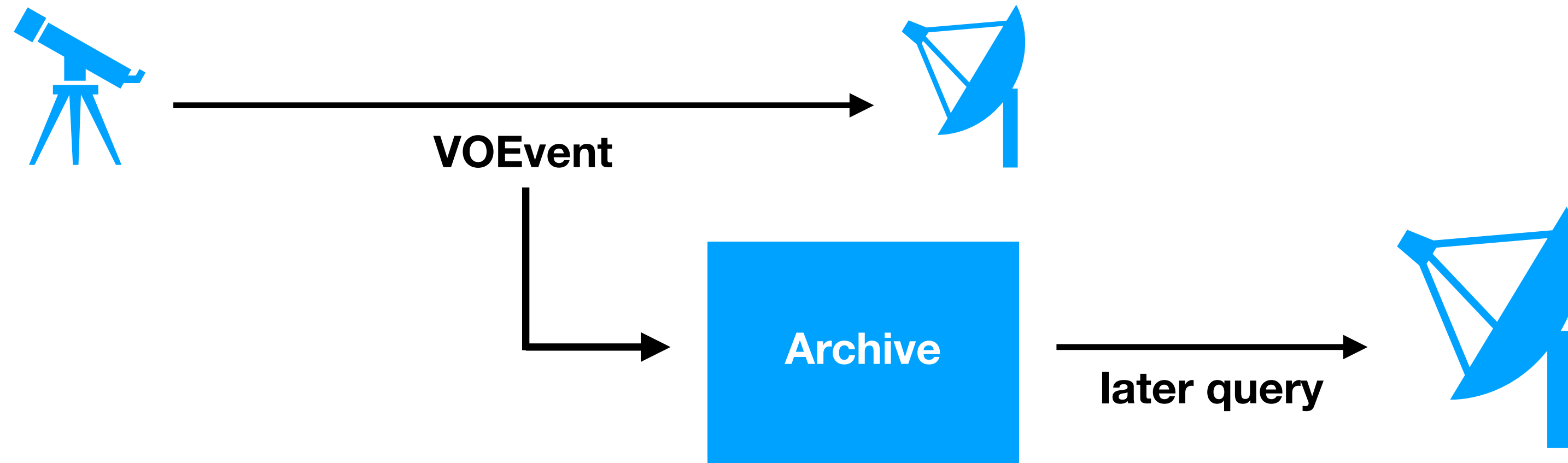
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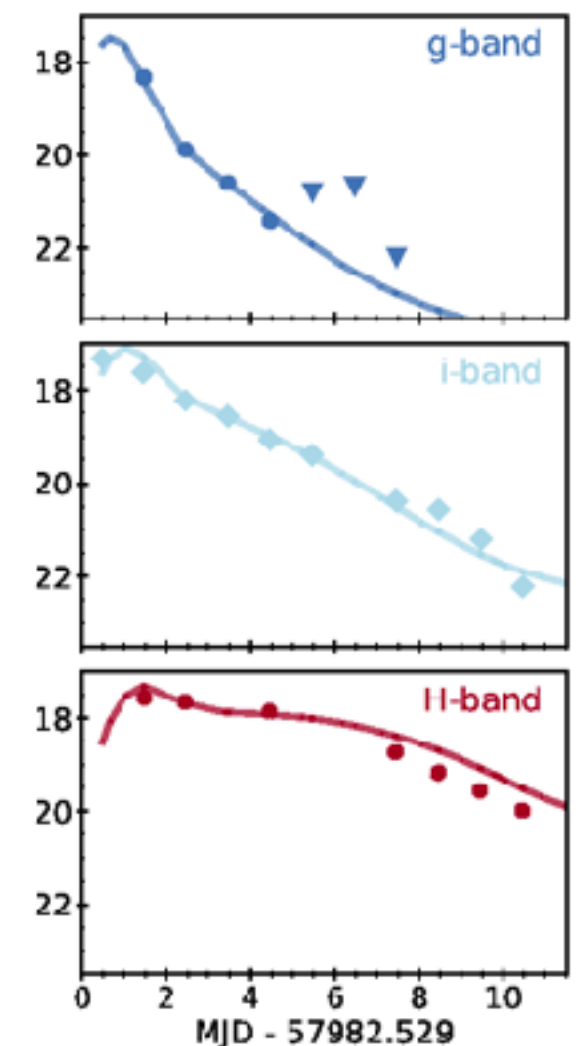
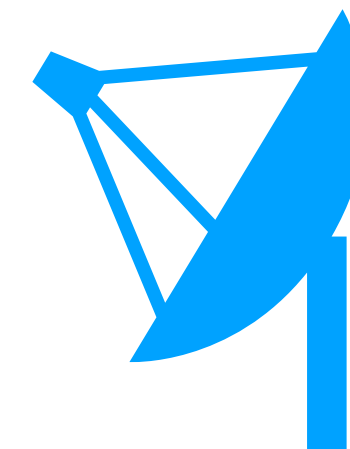


VOEvent



Archive

later query



# Purpose of this session

- Standardizing VOEvents
- Using VOEvents after the fact
- Keeping track of VOEvents (generally and specific source classes)
- Developing the VOEvent structure to the community needs

# Discussion questions

- Is there a need to standardize event types - extending the work on FRBs to cover other types?
- How do we encourage transient communities to perform this standardization and/or agree on a standard?
- How can we encourage facilities to circulate VOEvents that indicate they have followed-up a VOEvent transient trigger (i.e. use VOEvents to communicate active transient follow-up)?
- How do we store information in a way that it can be easily extracted and interpreted later? What types of queries do people want to perform on archived VOEvents? Are these queries currently possible?
- How do we make VOEvent streams findable, as in FAIR data?
- Are there any changes to the VOEvent specification that you would like to see?