ASTERICS Tech Forum #5
February 2019, Strasbourg

Time series session summary

28th Feb 2019

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February 2019

TIMESYS – major win 🙂

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Questions about discovery via DataLink

How can the client know what the link points to ?

Proposal to extend the vocabulary for associated data :

- Associated timeseries   *(implies simple points)

- Associated timeseries of radial velocity
- Associated timeseries of ....

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Discovery by extending ObsCore

Do we adopt the terms from EPNCore ?

t_exp_min

t_exp_max

t_exp_total

Adding new fields means defining a new data model.

Defining a new data model means a new type of service.

Special 'time extended' ObsCore services ?

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Discovery by modifying ObsCore

Can we use *t_resolution* ?

Current definition of *t_resolution* is not clear.

" minimal interpretable interval between two points along the time axis. This **can** be an average or representative value. For products with no sampling along the time axis, the t_resolution **could** be set to the exposure time or could be null."

If we clarify the definition of *t_resolution*, does ObsCore do what we need ?
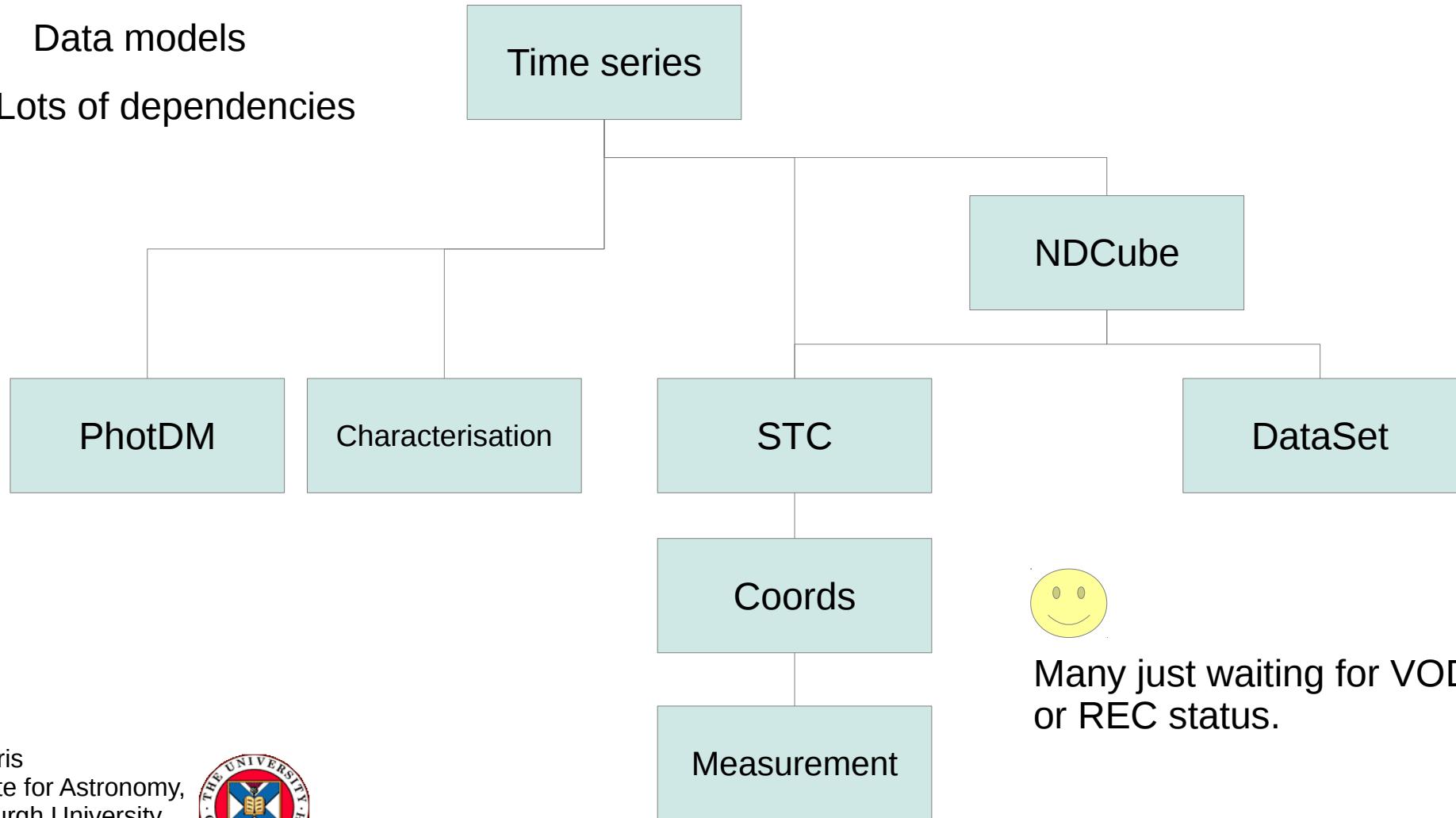
Avoids the cost of adding new fields.

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Things to look at ..

Timeseries extensions to the DataLink vocabulary for associated data

Document use cases for *t_exp_min, t_exp_max*

Clarify definition of *t_resolution*

Identify blocking dependencies in the data models

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