

# VO-DML VOTable Serialization

“Where are my coordinates ?”

Pierre Fernique



# Coordinate specification in VOTable

## - State of the art -

Pierre Fernique - CDS



2014 Banff talk

Apps WG – Banff October 2014

# A solution had been adopted in 2014

## Suggestion (pragmatic approach)

*Un-deprecate COOSYS to clean up the situation immediately.*

*Move to VODML when it will be usable (DM effort achieved – notably STC2).*

Note : The 2 methods do not clash and could be used together  
for a smooth transition.



**2014 Banff talk**

Apps WG – Banff October 2014

# But the situation is worst today

## Suggestion (pragmatic approach)

*Un-deprecate COOSYS to clean up the situation immediately.*

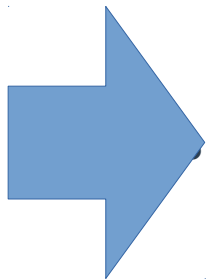
*Move to VODML when it will be usable (DM effort achieved – notably STC2).*

Note : The 2 methods do not clash and could be used together for a smooth transition.



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- 2 years after, the VODML VOTable serialization is still in debate
- COOSYS has not been really readopted



**We have a serious problem !**



Notably with all Gaia providers.  
No one has been able to describe correctly the  
coordinates based on current VO solution  
=> Gaia is epoch 2015, not 2000



2 year after, we do not see any practical solution in a close future for describing coordinates based on the VO-DML / STC2 VOTable serialization

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Can we reasonably wait more ?

