

Take 2



# Unified colour scheme

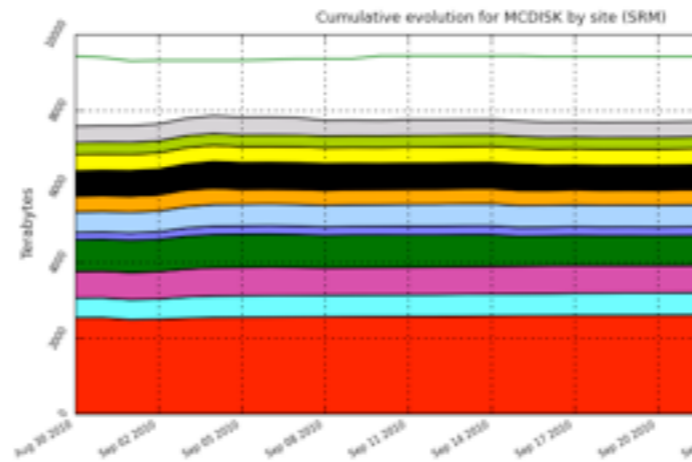
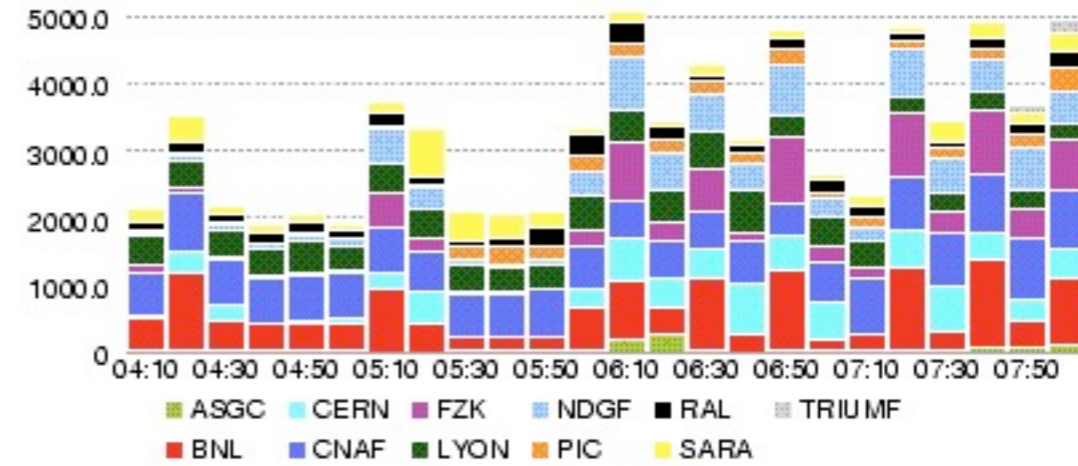
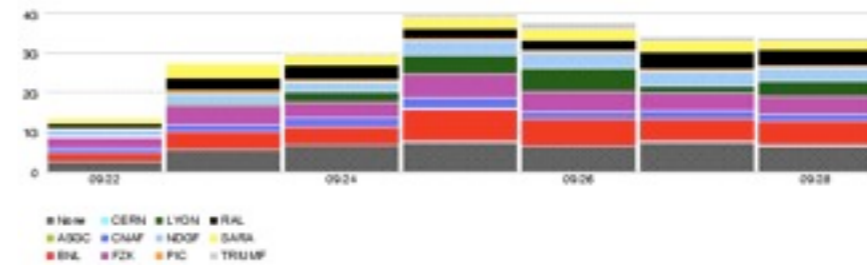
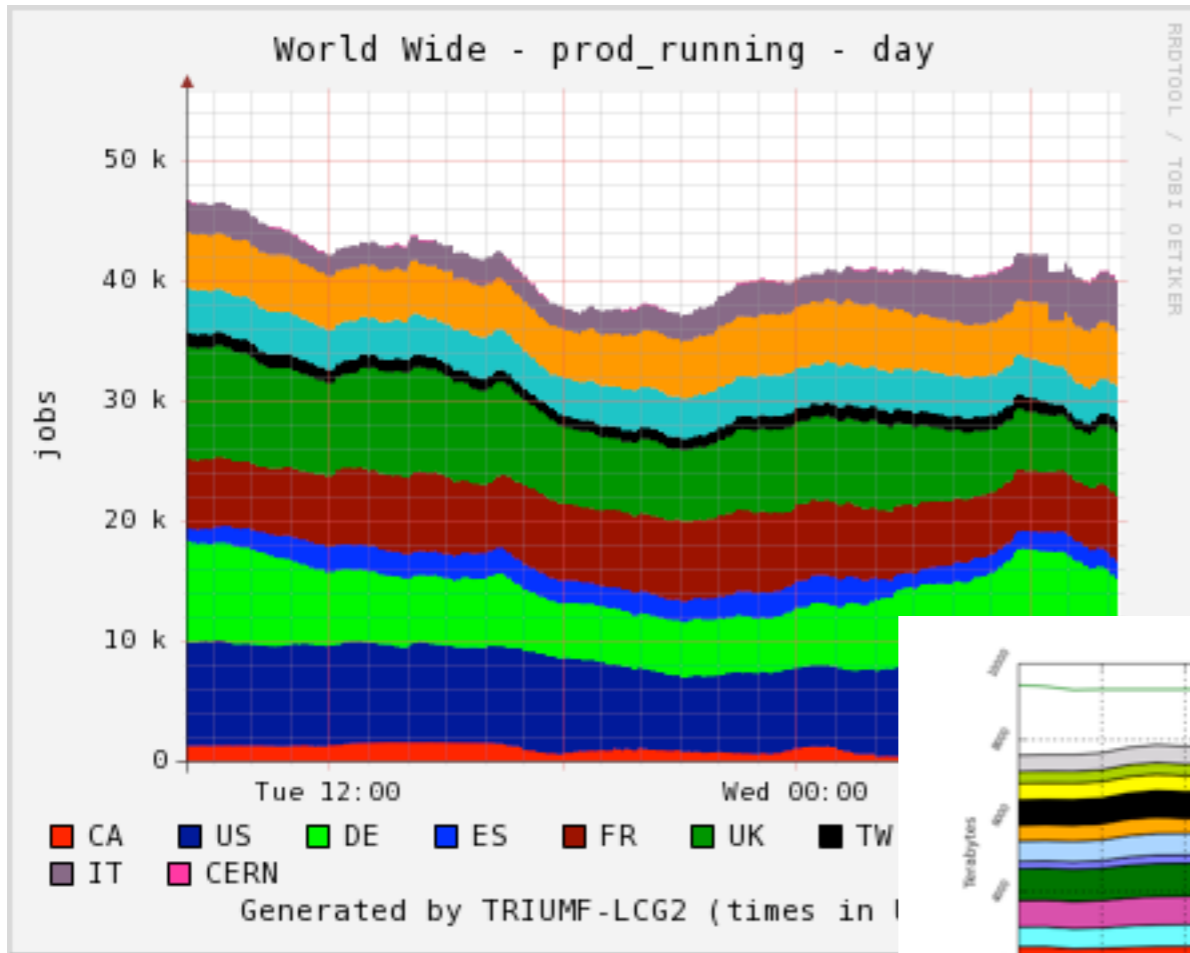
*or My Kingdom for a Horse*

Graeme Stewart



University of Glasgow | Department of  
Physics & Astronomy

# Problem:



- Neither names nor colours are very consistent!
- <https://savannah.cern.ch/support/?I16757>

# What's a Cloud then?

- An ATLAS cloud is a Tier-1 site with an associated group of Tier-2s
  - Used for both data management and job execution
  - Tier-2s are not necessarily in the same country as their parent T1
- Naming possibilities:
  - T1: would be ambiguous with the T1 site itself, but familiar
  - T1 country: is more or less unique, but not necessarily the same as the T2s, plus we have one distributed Nordic T; well established
  - Something else: hard to find an intuitive mapping that doesn't just muddle up concepts
- So, I vote for roughly T1 country unless someone proposes something better
  - CA, **CERN**, DE, ES, FR, IT, **ND**, NL, TW, UK, US
  - Defines an alphabetical order of course...

# Colour me in



- We should definitely pick some consistent colours too
- There should be one for each cloud (which can be inherited by the TI) and one for each data type
- We could at least have a stab at pulling some relationship between the cloud and the colour, e.g., Dutch Orange, Canadian Red
- However too many flags repeat colours!

# First stab...

CA			ND		
CERN			NL		
DE			TW		
ES			UK		
FR			US		
IT					

- Have a vote? auction? random decision?

# First stab...

CA	Red		ND	Blue	
CERN	Light Red		NL	Orange	
DE	Black		TW	Green	
ES	Yellow		UK	Purple	
FR	Blue		US	Dark Blue	
IT	Green				

CA	Brown		ND	Light Blue	
CERN	Tan		NL	Brown	
DE	Black		TW	Light Orange	
ES	Light Orange		UK	Dark Blue	
FR	Blue		US	Dark Blue	
IT	Brown				

- **Have a vote? auction?**

The deuteranopic view  
(most common red/green  
colour blindness)

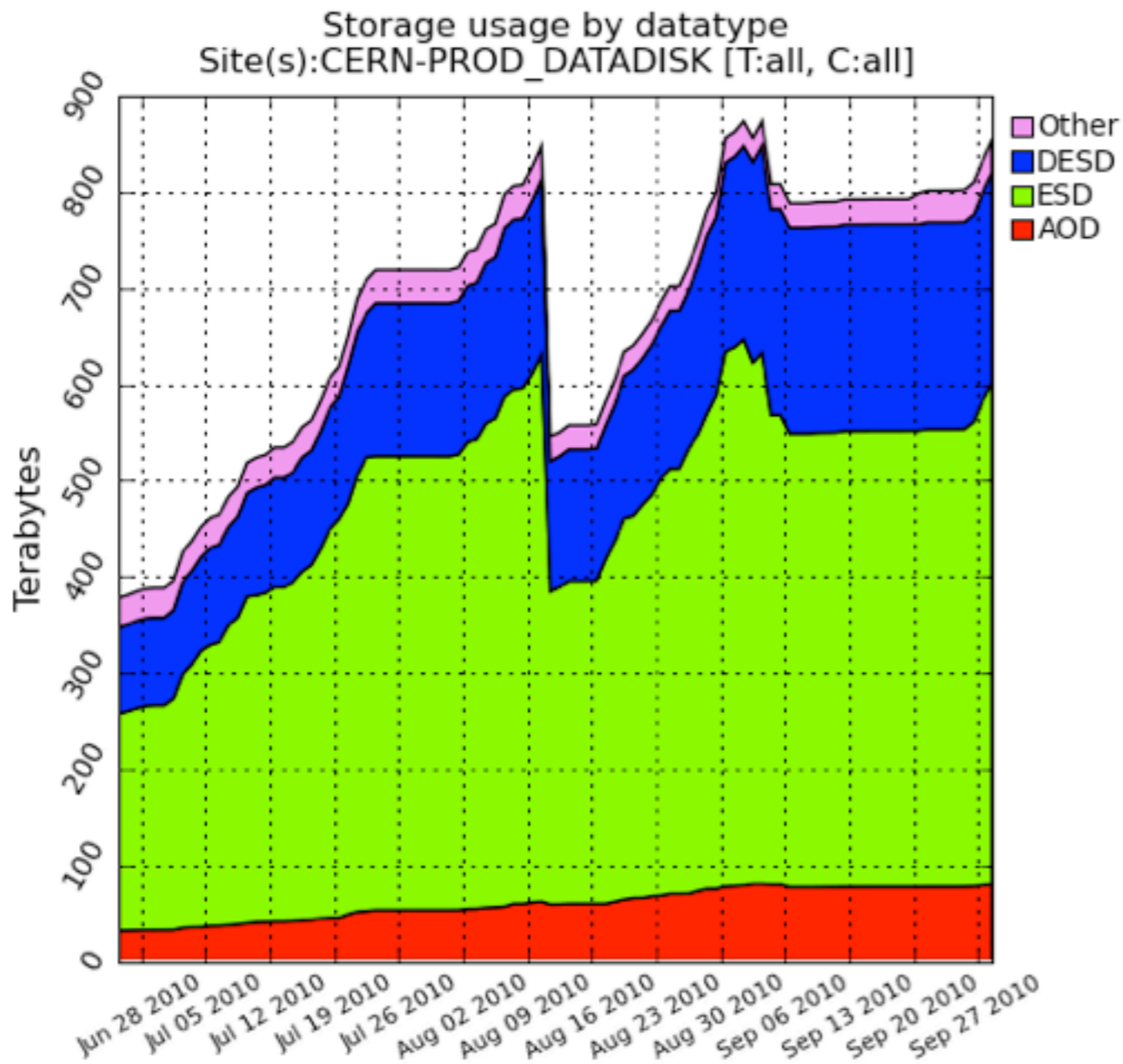
# Second stab...

CA	Red		ND	Light Blue	
CERN	Pink		NL	Orange	
DE	Black		TW	Light Green	
ES	Yellow		UK	Purple	
FR	Blue		US	Dark Blue	
IT	Green				

- Adjust colours to give better separation between CERN/IT; ES/TW; UK/US

CA	Olive		ND	Light Blue	
CERN	Grey		NL	Olive	
DE	Black		TW	Light Tan	
ES	Yellow		UK	Blue	
FR	Blue		US	Dark Blue	
IT	Olive				

# Then data and stuff...



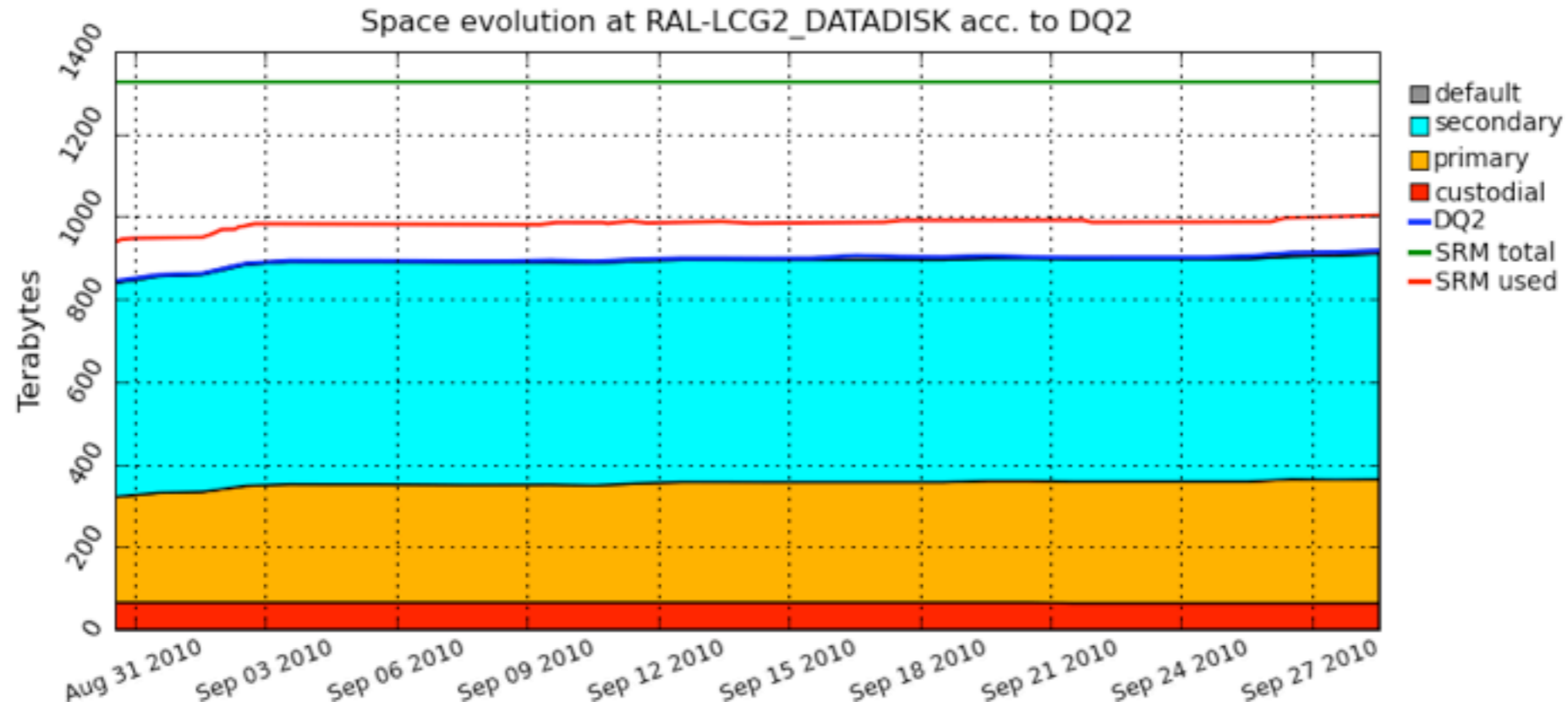
Proposal	
RAW	
HITS	
ESD	
AOD	
DESD	
DPD	
Other	

Looks ok!

Proposal	
RAW	
HITS	
ESD	
AOD	
DESD	
DPD	
Other	



# Custodiality



- Looks good to me!

