

# Space Tokens for SRMv2

ATLAS

# Space tokens

- Please take a look at the doc attached to the agenda
- Final (discussion?) to take place
  - **Dec 6, ATLAS Tier-1 Jamboree**
- Open questions:
  - T1D1 seems difficult for everyone (experiment, storages). Need to test
  - Plus some “minor” technical issues.

# Space tokens

- Main ideas:
  - Split production from group and user activities
  - Within production, split real data from Monte Carlo at the T1s and at T2s
    - (mostly for Tier-1 sites: distinguish Tier-0 to Tier-1 from Tier-2 to Tier-1)
  - Reserved space for group activities
  - “Scratch” space for end-users (default)

# Tier-1 tokens

DATADISK	T0D1	Real data (ESD,AOD,DPD)
DATATAPE	T1D0	Real data (RAW)
DATADISKTAPE	T1D1 (*)	Real data (REPROCESSING)
MCDISK	T0D1	Simulation production activities
MCTAPE	T1D0	Simulation production activities
MCDISKTAPE	T1D1 (*)	Simulation production activities

- (\*) **DISKTAPE**: how to implement? See doc attached to agenda for discussion on T1D1

# Tier-2 tokens

DATADISK	T0D1	Real data (AOD pushed down to Tier-2s)
MCDISK	T0D1	Simulation production activities
GRP<Group name>	T0D1	Accounted for group activities
ENDUSER(*)	T0D1(*)	End-users, unmanaged

- If Tier-1 also does analysis (most will), it inherits the Tier-2 tokens as well
- (\*) what is “unmanaged”? T0D1? T0D0?

# Subset of tokens we need for CCRC08

- T0: DATATAPE, DATADISK, MCDISKTAPE  
(see document)
- T1: DATADISK, DATATAPE, MCDISK,  
MCTAPE
  - And “somewhere” DATADISKTAPE and  
MCDISKTAPE
    - At least 1 instance per backend
- T2: DATADISK, MCDISK
  - And “somewhere”, some GRP<GROUP> space