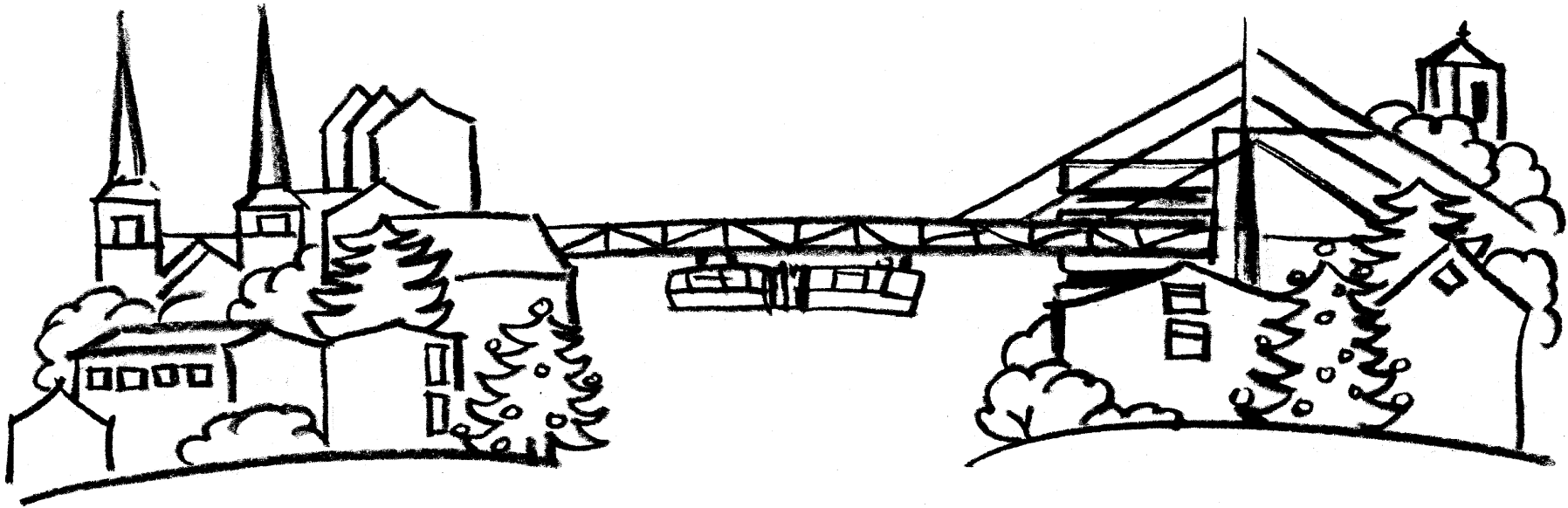


LOCALGROUPDISK monitoring DE cloud



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DE cloud LOCALGROUPDISK monitoring

- ◆ Project to be found at <https://pilot.pleiades.uni-wuppertal.de>
- ◆ based on Django (<https://www.djangoproject.com/>)
- ◆ updated every day
- ◆ dq2 command line requests too slow for all DE sites
→ Cedric Serfon provides us with daily database dumps
- ◆ Privacy protection: authentication by grid certificate, access to monitoring page only for ATLAS DE users



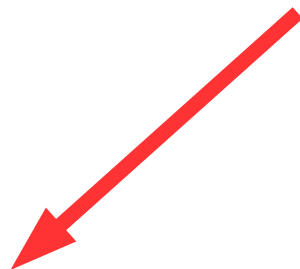
Welcome to the ATLAS German Cloud LOCALGROUPDISK monitor!

Select site to view:

- CSCS-LCG2
- CYFRONET-LCG2
- DESY-HH
- DESY-ZN
- FMPHI-UNIBA
- FZK-LCG2
- GOEGRID
- HEPHY-UIBK
- IEPSAS-KOSICE
- LRZ-LMU
- MAINZGRID
- MPPMU
- PRAGUELCG2
- TUDRESDEN-ZIH
- UNI-BONN
- UNI-FREIBURG
- UNI-SIEGEN-HEP
- WUPPERTALPROD
- FZK-LCG2_LOCALGROUPTAPE
- PRAGUELCG2_LOCALGROUPTAPE

**Overview of DE sites with
LOCALGROUPDISKS
(and LOCALGROUPTAPES)**

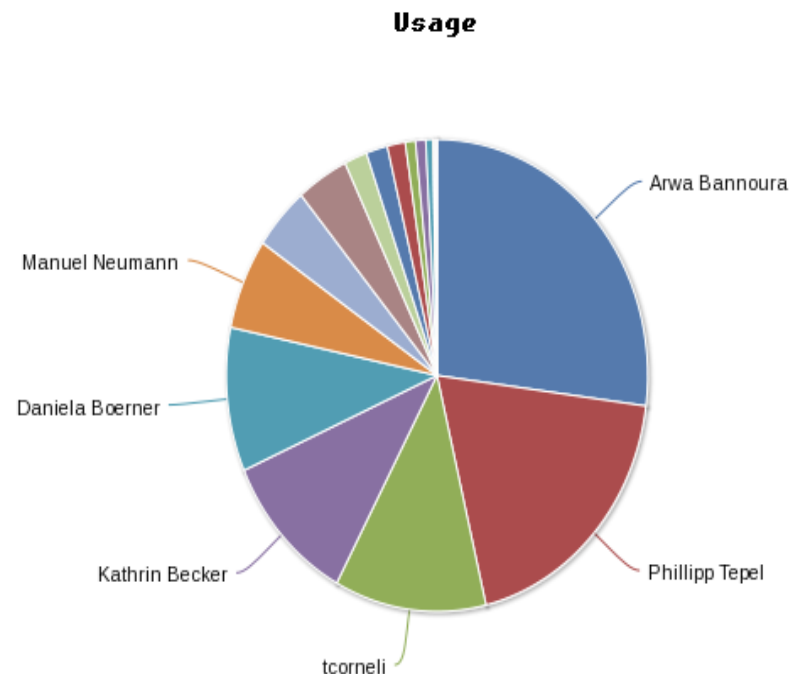
Choose your site



Usage per user

user	used space	# datasets	avg size
Arwa Bannoura	25.96 TB (28548082830367 B)	322	82.57 GB (88658642330.3 B)
Phillipp Tepel	18.42 TB (20247765503316 B)	268	70.36 GB (75551363818.3 B)
tcorneli	11.17 TB (12283237909954 B)	1022	11.19 GB (12018823786.6 B)
Kathrin Becker	10.09 TB (11096689568576 B)	479	21.58 GB (23166366531.5 B)
Daniela Boerner	9.45 TB (10392053709476 B)	1207	8.02 GB (8609820803.21 B)
Manuel Neumann	5.97 TB (6560935852954 B)	56	109.11 GB (117159568803.0 B)
Jan Kuechler	4.16 TB (4575362835707 B)	92	46.32 GB (49732204735.9 B)
Dominic Hirschbuehl	3.83 TB (4206807064468 B)	7	559.70 GB (600972437781.0 B)
Sebastian Fleischmann	1.68 TB (1848556883082 B)	35	49.19 GB (52815910945.2 B)
Julia Fischer	1.56 TB (1720411404022 B)	2179	752.97 MB (789541718.229 B)
Marcello Barisonzi	1.34 TB (1468450167443 B)	14	97.69 GB (104889297674.0 B)
Wolfgang Walkowia	769.25 GB (825973447564 B)	116	6.63 GB (7120460754.86 B)
Andrey Khoroshilov	756.50 GB (812283565349 B)	208	3.64 GB (3905209448.79 B)
Dominik Duda	526.91 GB (565764230920 B)	18	29.27 GB (31431346162.2 B)
Sebastian Fleischmann	152.89 GB (164166433723 B)	7	21.84 GB (23452347674.7 B)
Cedric Serfon	134.37 GB (144282349860 B)	3	44.79 GB (48094116620.0 B)
Sopio Pataraiia	20.65 GB (22174659289 B)	1	20.65 GB (22174659289.0 B)
Philipp Anger	2.41 GB (2582453849 B)	9	273.65 MB (286939316.556 B)

Sum of space usage 95.9 TB
 Dataset count 6043
 Avg dataset size 16.26 GB



Choose a user



Dataset Accounting - Mozilla Firefox

File Edit View History Bookmarks Tools Help

Dataset Accounting

127.0.0.1:8000/_L=DE_U=bermanbr id_UU=UuIMuppertal_LN=Marcello Barisonzi/WUPPERIHLPKU

home / datasets

Datasets

name	owner	size
user.mbarison.data12_8TeV.periodB.physics_Egamma.repro14_v01_p1542_COMPLETESETS.skim_ph.1.131121125017	Marcello Barisonzi	605.55 GB (650204304248 B)
user.mbarison.data12_8TeV.periodC.physics_Egamma.repro14_v01_p1542_COMPLETESETS.skim_ph.1.131121125414	Marcello Barisonzi	154.08 GB (165439324693 B)
mc12_8TeV.174833.MadGraphPythia_AUET2BCTEQ6L1_ttbarZjIncl.merge.NTUP_TOP.e1672_s1499_s1504_r3658_r3549_p1400_tid01216608_00	Marcello Barisonzi	82.71 GB (88809995152 B)
mc12_8TeV.174831.MadGraphPythia_AUET2BCTEQ6L1_ttbarWjIncl.merge.NTUP_TOP.e1672_s1499_s1504_r3658_r3549_p1400_tid01216606_00	Marcello Barisonzi	81.94 GB (87985953193 B)
mc12_8TeV.119356.MadGraphPythia_AUET2BCTEQ6L1_ttbarZj.merge.NTUP_TOP.e1352_s1499_s1504_r3658_r3549_p1400_tid01216929_00	Marcello Barisonzi	77.60 GB (83321659915 B)
mc12_8TeV.119354.MadGraphPythia_AUET2BCTEQ6L1_ttbarWj.merge.NTUP_TOP.e1352_s1499_s1504_r3658_r3549_p1400_tid01216927_00	Marcello Barisonzi	75.94 GB (81536903329 B)
mc12_8TeV.174832.MadGraphPythia_AUET2BCTEQ6L1_ttbarZjExcl.merge.NTUP_TOP.e1672_s1499_s1504_r3658_r3549_p1400_tid01216607_00	Marcello Barisonzi	73.76 GB (79194798408 B)
mc12_8TeV.174830.MadGraphPythia_AUET2BCTEQ6L1_ttbarWjExcl.merge.NTUP_TOP.e1672_s1499_s1504_r3658_r3549_p1400_tid01216605_00	Marcello Barisonzi	72.37 GB (77702523551 B)
mc12_8TeV.119355.MadGraphPythia_AUET2BCTEQ6L1_ttbarZ.merge.NTUP_TOP.e1352_s1499_s1504_r3658_r3549_p1400_tid01216928_00	Marcello Barisonzi	67.86 GB (72868265669 B)
mc12_8TeV.119353.MadGraphPythia_AUET2BCTEQ6L1_ttbarW.merge.NTUP_TOP.e1352_s1499_s1504_r3658_r3549_p1400_tid01216926_00	Marcello Barisonzi	66.67 GB (71583595967 B)
user.mbarison.data12_8TeV.00205112.physics_JetTauEtmis.r4065_p1278_p1542.skim.2.130910090955	Marcello Barisonzi	5.86 GB (6293464908 B)
user.mbarison.data12_8TeV.00201555.physics_JetTauEtmis.r4065_p1278_p1542.skim.2.130910090924	Marcello Barisonzi	3.18 GB (3416590962 B)
user.mbarison.data12_8TeV.00201383.physics_JetTauEtmis.r4065_p1278_p1542.skim.2.130910090852	Marcello Barisonzi	88.28 MB (92564634 B)
user.mbarison.data12_8TeV.00200841.physics_JetTauEtmis.r4065_p1278_p1542.skim.2.130910090822	Marcello Barisonzi	217.59 KB (222814 B)

Get list of user's datasets
(sorted by size)



Summary & Outlook

- ◆ Set up LOCALGROUPDISK and LOCALGRUPTAPE monitoring for all sites in DE cloud
- ◆ Protected by grid certificates (accessible only for DE users)
- ◆ Overview over
 - ◆ LOCALGROUPDISK/TAPE usage
 - ◆ usage by user
 - ◆ list of datasets for each user
- ◆ Extension to e.g. creation date of datasets in progress