

Wikiprint Book

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File Systems

Available file systems

On the DEEP-EST system, three different groups of file systems are available:

- the [?JSC GPFS file systems](#), provided via [?JUST](#) and mounted on all JSC systems;
- the DEEP-EST (and SDV) parallel BeeGFS file systems, available on all the nodes of the DEEP-EST system;
- the file systems local to each node.

The users home folders are placed on the shared GPFS file systems. With the advent of the new user model at JSC ([?JUMO](#)), the shared file systems are structured as follows:

- **\$HOME:** each JSC user has a folder under `/p/home/jusers/`, in which different home folders are available, one per system he/she has access to. These home folders have a low space quota and are reserved for configuration files, ssh keys, etc.
- **\$PROJECT:** In JUMO, data and computational resources are assigned to projects: users can request access to a project and use the resources associated to it. As a consequence, each user can create folders within each of the projects he/she is part of (with either personal or permissions to share with other project members). For the DEEP project, the project folder is located under `/p/project/cdeep/`. Here is where the user should place data, and where the old files generated in the home folder before the JUMO transition can be found.

The DEEP-EST system doesn't mount the \$SCRATCH and \$ARCHIVE file systems from GPFS, as it is expected to provide similar functionalities with its own parallel file systems.

The following table summarizes the characteristics of the file systems available in the DEEP-EST and DEEP-ER (SDV) systems. **Please beware that the `$project` (all lowercase) variable used in the table only represents any JuDoor project the user might have access to, and that it is not really exported on the system environment.** For a list of all projects a user belongs to, please refer to the user's [JuDoor page](#). Alternatively, users can check the projects they are part of with the `jutil` application:

```
$ jutil user projects -o columns
```

Project Name	Project Manager	Client	Type	Location	Start Date	End Date	Status	Progress (%)	Comments
Project A	John Doe	ABC Corp	Software Development	New York	2023-01-01	2023-03-31	Completed	100	Project A completed successfully.
Project B	Jane Smith	XYZ Inc	Marketing Campaign	Los Angeles	2023-02-15	2023-04-30	In Progress	75	Project B is currently in progress.
Project C	Mike Johnson	DEF Ltd	Hardware Upgrade	Chicago	2023-03-01	2023-05-31	On Hold	20	Project C is on hold due to budget constraints.
Project D	Sarah Brown	GHI Corp	Website Redesign	San Francisco	2023-04-01	2023-06-30	Planning	10	Project D is in the planning phase.
Project E	David Wilson	JKL Inc	Mobile App Development	London	2023-05-01	2023-07-31	On Hold	5	Project E is on hold due to resource availability.
Project F	Emily Davis	MNO Corp	Cloud Migration	Paris	2023-06-01	2023-08-31	On Hold	0	Project F is on hold due to technical challenges.
Project G	Chris Miller	PQR Ltd	Data Analytics Platform	Stockholm	2023-07-01	2023-09-30	On Hold	0	Project G is on hold due to budget constraints.
Project H	Alexander Lee	STU Inc	AI Research Project	Beijing	2023-08-01	2023-10-31	On Hold	0	Project H is on hold due to technical challenges.
Project I	Olivia White	VWX Corp	Blockchain Integration	London	2023-09-01	2023-11-30	On Hold	0	Project I is on hold due to budget constraints.
Project J	Noah Black	YZA Ltd	IoT Sensor Network	Amsterdam	2023-10-01	2023-12-31	On Hold	0	Project J is on hold due to technical challenges.
Project K	Aria Green	BCD Inc	AR/VR Development	Los Angeles	2023-11-01	2024-01-31	On Hold	0	Project K is on hold due to budget constraints.
Project L	Ethan Blue	EFG Corp	Quantum Computing Research	Stockholm	2023-12-01	2024-02-28	On Hold	0	Project L is on hold due to technical challenges.
Project M	Sophia Red	HIJ Ltd	Space Exploration Mission	Washington D.C.	2024-01-01	2024-03-31	On Hold	0	Project M is on hold due to budget constraints.
Project N	Liam Purple	KLM Inc	Autonomous Vehicle Development	London	2024-02-01	2024-04-30	On Hold	0	Project N is on hold due to technical challenges.
Project O	Mia Gold	NOP Corp	Biotechnology Research	San Francisco	2024-03-01	2024-05-31	On Hold	0	Project O is on hold due to budget constraints.
Project P	Ben Silver	QRS Ltd	Artificial Intelligence Integration	Beijing	2024-04-01	2024-06-30	On Hold	0	Project P is on hold due to technical challenges.
Project Q	Charlotte Bronze	TUV Inc	Renewable Energy Project	Stockholm	2024-05-01	2024-07-31	On Hold	0	Project Q is on hold due to budget constraints.
Project R	Lucas Copper	WXY Corp	Space Station Construction	Washington D.C.	2024-06-01	2024-08-31	On Hold	0	Project R is on hold due to technical challenges.
Project S	Amelia Iron	ZAB Ltd	Deep Space Exploration	Los Angeles	2024-07-01	2024-09-30	On Hold	0	Project S is on hold due to budget constraints.
Project T	William Tin	CDE Inc	Advanced Robotics Development	London	2024-08-01	2024-10-31	On Hold	0	Project T is on hold due to technical challenges.
Project U	Isabella Lead	FGH Corp	Next-Gen Computing Architecture	Stockholm	2024-09-01	2024-11-30	On Hold	0	Project U is on hold due to budget constraints.
Project V	James Silver	IKL Ltd	Quantum Leap Initiative	Beijing	2024-10-01	2024-12-31	On Hold	0	Project V is on hold due to technical challenges.
Project W	Grace Gold	JMN Inc	Interstellar Travel Research	Washington D.C.	2024-11-01	2025-01-31	On Hold	0	Project W is on hold due to budget constraints.
Project X	Benjamin Copper	OPQ Corp	Advanced AI Systems Development	Los Angeles	2024-12-01	2025-02-28	On Hold	0	Project X is on hold due to technical challenges.
Project Y	Victoria Bronze	RST Ltd	Space Colonization Project	Stockholm	2025-01-01	2025-03-31	On Hold	0	Project Y is on hold due to budget constraints.
Project Z	Henry Iron	UVW Inc	Advanced Space Exploration	London	2025-02-01	2025-04-30	On Hold	0	Project Z is on hold due to technical challenges.
Project AA	Oliver Lead	XYZ Corp	Next-Gen Space Technology	Washington D.C.	2025-03-01	2025-05-31	On Hold	0	Project AA is on hold due to budget constraints.
Project AB	Sophia Tin	ABC Ltd	Advanced Space Mission Planning	Los Angeles	2025-04-01	2025-06-30	On Hold	0	Project AB is on hold due to technical challenges.
Project AC	William Silver	DEF Inc	Space Station Maintenance	Stockholm	2025-05-01	2025-07-31	On Hold	0	Project AC is on hold due to budget constraints.
Project AD	Isabella Gold	GHI Corp	Advanced Space Exploration	London	2025-06-01	2025-08-31	On Hold	0	Project AD is on hold due to technical challenges.
Project AE	James Copper	JKL Ltd	Space Colonization Project	Washington D.C.	2025-07-01	2025-09-30	On Hold	0	Project AE is on hold due to budget constraints.
Project AF	Grace Bronze	MNO Inc	Advanced Space Technology	Los Angeles	2025-08-01	2025-10-31	On Hold	0	Project AF is on hold due to technical challenges.
Project AG	Benjamin Iron	PQR Corp	Space Station Construction	Stockholm	2025-09-01	2025-11-30	On Hold	0	Project AG is on hold due to budget constraints.
Project AH	Olivia Lead	STU Ltd	Advanced Space Exploration	London	2025-10-01	2025-12-31	On Hold	0	Project AH is on hold due to technical challenges.
Project AI	Liam Tin	VWX Inc	Space Colonization Project	Washington D.C.	2025-11-01	2026-01-31	On Hold	0	Project AI is on hold due to budget constraints.
Project AJ	Mia Silver	YZA Corp	Advanced Space Technology	Los Angeles	2025-12-01	2026-02-28	On Hold	0	Project AJ is on hold due to technical challenges.
Project AK	Benjamin Gold	BCD Ltd	Space Station Maintenance	Stockholm	2026-01-01	2026-03-31	On Hold	0	Project AK is on hold due to budget constraints.
Project AL	Charlotte Copper	EFG Inc	Advanced Space Exploration	London	2026-02-01	2026-04-30	On Hold	0	Project AL is on hold due to technical challenges.
Project AM	Lucas Bronze	HIJ Corp	Space Colonization Project	Washington D.C.	2026-03-01	2026-05-31	On Hold	0	Project AM is on hold due to budget constraints.
Project AN	Amelia Iron	KLM Ltd	Advanced Space Technology	Los Angeles	2026-04-01	2026-06-30	On Hold	0	Project AN is on hold due to technical challenges.
Project AO	William Lead	NOP Inc	Space Station Construction	Stockholm	2026-05-01	2026-07-31	On Hold	0	Project AO is on hold due to budget constraints.
Project AP	Isabella Tin	QRS Corp	Advanced Space Exploration	London	2026-06-01	2026-08-31	On Hold	0	Project AP is on hold due to technical challenges.
Project AQ	James Silver	TUV Ltd	Space Colonization Project	Washington D.C.	2026-07-01	2026-09-30	On Hold	0	Project AQ is on hold due to budget constraints.
Project AR	Grace Gold	WXY Inc	Advanced Space Technology	Los Angeles	2026-08-01	2026-10-31	On Hold	0	Project AR is on hold due to technical challenges.
Project AS	Benjamin Copper	ZAB Corp	Space Station Maintenance	Stockholm	2026-09-01	2026-11-30	On Hold	0	Project AS is on hold due to budget constraints.
Project AT	Olivia Lead	ABC Ltd	Advanced Space Exploration	London	2026-10-01	2026-12-31	On Hold	0	Project AT is on hold due to technical challenges.
Project AU	Liam Tin	DEF Inc	Space Colonization Project	Washington D.C.	2026-11-01	2027-01-31	On Hold	0	Project AU is on hold due to budget constraints.
Project AV	Mia Silver	GHI Corp	Advanced Space Technology	Los Angeles	2026-12-01	2027-02-28	On Hold	0	Project AV is on hold due to technical challenges.
Project AW	Benjamin Gold	JKL Ltd	Space Station Construction	Stockholm	2027-01-01	2027-03-31	On Hold	0	Project AW is on hold due to budget constraints.
Project AX	Charlotte Copper	MNO Inc	Advanced Space Exploration	London	2027-02-01	2027-04-30	On Hold	0	Project AX is on hold due to technical challenges.
Project AY	Lucas Bronze	PQR Corp	Space Colonization Project	Washington D.C.	2027-03-01	2027-05-31	On Hold	0	Project AY is on hold due to budget constraints.
Project AZ	Amelia Iron	STU Ltd	Advanced Space Technology	Los Angeles	2027-04-01	2027-06-30	On Hold	0	Project AZ is on hold due to technical challenges.
Project BA	William Lead	VWX Inc	Space Station Construction	Stockholm	2027-05-01	2027-07-31	On Hold	0	Project BA is on hold due to budget constraints.
Project BB	Isabella Tin	YZA Corp	Advanced Space Exploration	London	2027-06-01	2027-08-31	On Hold	0	Project BB is on hold due to technical challenges.
Project BC	James Silver	BCD Ltd	Space Colonization Project	Washington D.C.	2027-07-01	2027-09-30	On Hold	0	Project BC is on hold due to budget constraints.
Project BD	Grace Gold	EFG Inc	Advanced Space Technology	Los Angeles	2027-08-01	2027-10-31	On Hold	0	Project BD is on hold due to technical challenges.
Project BE	Benjamin Copper	HIJ Corp	Space Station Maintenance	Stockholm	2027-09-01	2027-11-30	On Hold	0	Project BE is on hold due to budget constraints.
Project BF	Olivia Lead	KLM Ltd	Advanced Space Exploration	London	2027-10-01	2027-12-31	On Hold	0	Project BF is on hold due to technical challenges.
Project BG	Liam Tin	NOP Inc	Space Colonization Project	Washington D.C.	2027-11-01	2028-01-31	On Hold	0	Project BG is on hold due to budget constraints.
Project BH	Mia Silver	QRS Corp	Advanced Space Technology	Los Angeles	2027-12-01	2028-02-28	On Hold	0	Project BH is on hold due to technical challenges.
Project BI	Benjamin Gold	TUV Ltd	Space Station Construction	Stockholm	2028-01-01	2028-03-31	On Hold	0	Project BI is on hold due to budget constraints.
Project BJ	Charlotte Copper	WXY Inc	Advanced Space Exploration	London	2028-02-01	2028-04-30	On Hold	0	Project BJ is on hold due to technical challenges.
Project BK	Lucas Bronze	ZAB Corp	Space Colonization Project	Washington D.C.	2028-03-01	2028-05-31	On Hold	0	Project BK is on hold due to budget constraints.
Project BL	Amelia Iron	ABC Ltd	Advanced Space Technology	Los Angeles	2028-04-01	2028-06-30	On Hold	0	Project BL is on hold due to technical challenges.
Project BM	William Lead	DEF Inc	Space Station Construction	Stockholm	2028-05-01	2028-07-31	On Hold	0	Project BM is on hold due to budget constraints.
Project BN	Isabella Tin	GHI Corp	Advanced Space Exploration	London	2028-06-01	2028-08-31	On Hold	0	Project BN is on hold due to technical challenges.
Project BO	James Silver	JKL Ltd	Space Colonization Project	Washington D.C.	2028-07-01	2028-09-30	On Hold	0	Project BO is on hold due to budget constraints.
Project BP	Grace Gold	MNO Inc	Advanced Space Technology	Los Angeles	2028-08-01	2028-10-31	On Hold	0	Project BP is on hold due to technical challenges.
Project BQ	Benjamin Copper	PQR Corp	Space Station Maintenance	Stockholm	2028-09-01	2028-11-30	On Hold	0	Project BQ is on hold due to budget constraints.
Project BR	Olivia Lead	STU Ltd	Advanced Space Exploration	London	2028-10-01	2028-12-31	On Hold	0	Project BR is on hold due to technical challenges.
Project BS	Liam Tin	VWX Inc	Space Colonization Project	Washington D.C.	2028-11-01	2029-01-31	On Hold	0	Project BS is on hold due to budget constraints.
Project BT	Mia Silver	YZA Corp	Advanced Space Technology	Los Angeles	2028-12-01	2029-02-28	On Hold	0	Project BT is on hold due to technical challenges.
Project BU	Benjamin Gold	BCD Ltd	Space Station Construction	Stockholm	2029-01-01	2029-03-31	On Hold	0	Project BU is on hold due to budget constraints.
Project BV	Charlotte Copper	EFG Inc	Advanced Space Exploration	London	2029-02-01	2029-04-30	On Hold	0	Project BV is on hold due to technical challenges.
Project BV	Lucas Bronze	HIJ Corp	Space Colonization Project	Washington D.C.	2029-03-01	2029-05-31	On Hold	0	Project BV is on hold due to budget constraints.
Project BV	Amelia Iron	KLM Ltd	Advanced Space Technology	Los Angeles	2029-04-01	2029-06-30	On Hold	0	Project BV is on hold due to technical challenges.
Project BV	William Lead	NOP Inc	Space Station Construction	Stockholm	2029-05-01	2029-07-31	On Hold	0	Project BV is on hold due to budget constraints.
Project BV	Isabella Tin	QRS Corp	Advanced Space Exploration	London	2029-06-01	2029-08-31	On Hold	0	Project BV is on hold due to technical challenges.
Project BV	James Silver	TUV Ltd	Space Colonization Project	Washington D.C.	2029-07-01	2029-09-30	On Hold	0	Project BV is on hold due to budget constraints.
Project BV	Grace Gold	WXY Inc	Advanced Space Technology	Los Angeles	2029-08-01	2029-10-31	On Hold	0	Project BV is on hold due to technical challenges.
Project BV	Benjamin Copper	ZAB Corp	Space Station Maintenance	Stockholm	2029-09-01	2029-11-30	On Hold	0	Project BV is on hold due to budget constraints.
Project BV	Olivia Lead	ABC Ltd	Advanced Space Exploration	London	2029-10-01	2029-12-31	On Hold	0	Project BV is on hold due to technical challenges.
Project BV	Liam Tin	DEF Inc	Space Colonization Project	Washington D.C.	2029-11-01	2030-01-31	On Hold	0	Project BV is on hold due to budget constraints.
Project BV	Mia Silver	GHI Corp	Advanced Space Technology	Los Angeles	2029-12-01	2030-02-28	On Hold	0	Project BV is on hold due to technical challenges.
Project BV	Benjamin Gold	JKL Ltd	Space Station Construction	Stockholm	2030-01-01	2030-03-31	On Hold	0	Project BV is on hold due to budget constraints.
Project BV	Charlotte Copper	MNO Inc	Advanced Space Exploration	London	2030-02-01	2030-04-30	On Hold	0	Project BV is on hold due to technical challenges.
Project BV	Lucas Bronze	PQR Corp	Space Colonization Project	Washington D.C.	2030-03-01	2030-05-31	On Hold	0	Project BV is on hold due to budget constraints.
Project BV	Amelia Iron	STU Ltd	Advanced Space Technology	Los Angeles	2030-04-01	2030-06-30	On Hold	0	Project BV is on hold due to technical challenges.
Project BV	William Lead	VWX Inc	Space Station Construction	Stockholm	2030-05-01	2030-07-31	On Hold	0	Project BV is on hold due to budget constraints.
Project BV	Isabella Tin	YZA Corp	Advanced Space Exploration	London	2030-06-01	2030-08-31	On Hold	0	Project BV is on hold due to technical challenges.
Project BV	James Silver	BCD Ltd	Space Colonization Project	Washington D.C.	2030-07-01	2030-09-30	On Hold	0	Project BV is on hold due to budget constraints.
Project BV	Grace Gold	EFG Inc	Advanced Space Technology	Los Angeles	2030-08-01	2030-10-31	On Hold	0	Project BV is on hold due to technical challenges.
Project BV	Benjamin Copper	HIJ Corp	Space Station Maintenance	Stockholm	2030-09-01	2030-11-30	On Hold	0	Project BV is on hold due to budget constraints.
Project BV	Olivia Lead	KLM Ltd	Advanced Space Exploration	London	2030-10-01	2030-12-31	On Hold	0	Project BV is on hold due to technical challenges.
Project BV	Liam Tin	NOP Inc	Space Colonization Project	Washington D.C.	2030-11-01	2031-01-31	On Hold	0	Project BV is on hold due to budget constraints.
Project BV	Mia Silver	QRS Corp	Advanced Space Technology	Los Angeles	2030-12-01	2031-02-28	On Hold	0	Project BV is on hold due to technical challenges.
Project BV	Benjamin Gold	TUV Ltd	Space Station Construction	Stockholm	2031-01-01	2031-03-31	On Hold	0	Project BV is on hold due to budget constraints.
Project BV	Charlotte Copper	WXY Inc	Advanced Space Exploration	London	2031-02-01	2031-04-30	On Hold	0	Project BV is on hold due to technical challenges.
Project BV	Lucas Bronze	ZAB Corp	Space Colonization Project	Washington D.C.	2031-03-01	2031-05-31	On Hold	0	Project BV is on hold due to budget constraints.
Project BV	Amelia Iron	ABC Ltd	Advanced Space Technology	Los Angeles	2031-04-01	2031-06-30	On Hold	0	Project BV is on hold due to technical challenges.
Project BV	William Lead	DEF Inc	Space Station Construction	Stockholm	2031-05-01	2031-07-31	On Hold	0	Project BV is on hold due to budget constraints.
Project BV	Isabella Tin	GHI Corp	Advanced Space Exploration	London	2031-06-01	2031-08-31	On Hold	0	Project BV is on hold due to technical challenges.
Project BV	James Silver	JKL Ltd	Space Colonization Project	Washington D.C.	2031-07-01	2031-09-30	On Hold	0	Project BV is on hold due to budget constraints.
Project BV	Grace Gold	MNO Inc	Advanced Space Technology	Los Angeles	2031-08-01	2031-10-31	On Hold	0	Project BV is on hold due to technical challenges.
Project BV	Benjamin Copper	PQR Corp	Space Station Maintenance	Stockholm	2031-09-01	2031-11-30	On Hold	0	Project BV is on hold due to budget constraints.
Project BV	Olivia Lead	STU Ltd	Advanced Space Exploration	London	2031-10-01	2031-12-31	On Hold	0	Project BV is on hold due to technical challenges.
Project BV	Liam Tin	VWX Inc	Space Colonization Project	Washington D.C.	2031-11-01	2032-01-31	On Hold	0	Project BV is on hold due to budget constraints.
Project BV	Mia Silver	YZA Corp	Advanced Space Technology	Los Angeles	2031-12-01	2032-02-28	On Hold	0	Project BV is on hold due to technical challenges.
Project BV	Benjamin Gold	BCD Ltd	Space Station Construction	Stockholm	2032-01-01	2032-03-31	On Hold	0	Project BV is on hold due to budget constraints.
Project BV	Charlotte Copper	EFG Inc	Advanced Space Exploration	London	2032-02-01	2032-04-30	On Hold	0	Project BV is on hold due to technical challenges.
Project BV	Lucas Bronze	HIJ Corp	Space Colonization Project	Washington D.C.	2032-03-01	2032-05-31	On Hold	0	Project BV is on hold due to budget constraints.
Project BV	Amelia Iron	KLM Ltd	Advanced Space Technology	Los Angeles	2032-04-01	2032-06-30	On Hold	0	Project BV is on hold due to technical challenges.
Project BV	William Lead	NOP Inc	Space Station Construction	Stockholm	2032-05-01	2032-07-31	On Hold	0	Project BV is on hold due to budget constraints.
Project BV	Isabella Tin	QRS Corp	Advanced Space Exploration	London	2032-06-01	2032-08-31	On Hold	0	Project BV is on hold due to technical challenges.
Project BV	James Silver	TUV Ltd	Space Colonization Project	Washington D.C.	2032-07-01	2032-09-30	On Hold	0	Project BV is on hold due to budget constraints.
Project BV	Grace Gold	WXY Inc	Advanced Space Technology	Los Angeles	2032-08-01	2032-10-31	On Hold	0	Project BV is on hold due to technical challenges.
Project BV	Benjamin Copper	ZAB Corp	Space Station Maintenance	Stockholm	2032-09-01	2032-11-30	On Hold	0	Project BV is on hold due to budget constraints.
Project BV	Olivia Lead	ABC Ltd	Advanced Space Exploration	London	2032-10-01	2032-12-31	On Hold	0	Project BV is on hold due to technical challenges.
Project BV	Liam Tin	DEF Inc	Space Colonization Project	Washington D.C.	2032-11-01	2033-01-31	On Hold	0	Project BV is on hold due to budget constraints.
Project BV	Mia Silver	GHI Corp	Advanced Space Technology	Los Angeles	2032-12-01	2033-02-28	On Hold	0	Project BV is on hold due to technical challenges.
Project BV	Benjamin Gold	JKL Ltd	Space Station Construction	Stockholm	2033-01-01	2033-03-31	On Hold	0	Project BV is on hold due to budget constraints.
Project BV	Charlotte Copper	MNO Inc	Advanced Space Exploration	London	2033-02-01	2033-04-30	On Hold	0	Project BV is on hold due to technical challenges.
Project BV	Lucas Bronze	PQR Corp	Space Colonization Project	Washington D.C.	2033-03-01	2033-05-31	On Hold	0	Project BV is on hold due to budget constraints.
Project BV	Amelia Iron	STU Ltd	Advanced Space Technology	Los Angeles	2033-04-01	2033-06-30	On Hold	0	Project BV is on hold due to technical challenges.
Project BV	William Lead	VWX Inc	Space Station Construction	Stockholm	2033-05-01	2033-07-31	On Hold	0	Project BV is on hold due to budget constraints.
Project BV	Isabella Tin	YZA Corp	Advanced Space Exploration	London	2033-06-01	2033-08-31			

Stripe Pattern Details

It is possible to query this information from the deep login node, for instance:

```
manzano@deep $ fhgfs-ctl --getentryinfo /work/manzano
Path: /manzano
Mount: /work
EntryID: 1D-53BA4FF8-3BD3
Metadata node: deep-fs02 [ID: 15315]
Stripe pattern details:
+ Type: RAID0
+ Chunksize: 512K
+ Number of storage targets: desired: 4

manzano@deep $ beegfs-ctl --getentryinfo /sdv-work/manzano
Path: /manzano
Mount: /sdv-work
EntryID: 0-565C499C-1
Metadata node: deeper-fs01 [ID: 1]
Stripe pattern details:
+ Type: RAID0
+ Chunksize: 512K
+ Number of storage targets: desired: 4
```

Or like this:

```
manzano@deep $ stat -f /work/manzano
File: "/work/manzano"
ID: 0      Namelen: 255      Type: fhgfs
Block size: 524288      Fundamental block size: 524288
Blocks: Total: 120178676 Free: 65045470 Available: 65045470
Inodes: Total: 0      Free: 0

manzano@deep $ stat -f /sdv-work/manzano
File: "/sdv-work/manzano"
ID: 0      Namelen: 255      Type: fhgfs
Block size: 524288      Fundamental block size: 524288
Blocks: Total: 120154793 Free: 110378947 Available: 110378947
Inodes: Total: 0      Free: 0
```

See <http://www.beegfs.com/wiki/Striping> for more information.

Additional infos

Detailed information on the **BeeGFS Configuration** can be found [?here](#).

Detailed information on the **BeeOND Configuration** can be found [?here](#).

Detailed information on the **Storage Configuration** can be found [?here](#).

Detailed information on the **Storage Performance** can be found [?here](#).

Notes

- dd test @dp-dam01 of the DCPMM in appdirect mode:

```
[root@dp-dam01 scratch]# dd if=/dev/zero of=./delme bs=4M count=1024 conv=sync
1024+0 records in
1024+0 records out
4294967296 bytes (4.3 GB) copied, 1.94668 s, 2.2 GB/s
```

- The /work file system which is available in the DEEP-EST prototype, is as well reachable from the nodes in the SDV (including KNLs and ml-gpu nodes) but through a slower connection of 1 Gb/s. The file system is therefore not suitable for benchmarking or I/O task intensive jobs from those nodes
- Performance tests (IOR and mdtest) reports are available in the BSCW under DEEP-ER → Work Packages (WPs) → WP4 → T4.5 - Performance measurement and evaluation of I/O software → Jülich DEEP Cluster → Benchmarking reports:
[?https://bscw.zam.kfa-juelich.de/bscw/bscw.cgi/1382059](https://bscw.zam.kfa-juelich.de/bscw/bscw.cgi/1382059)
- Test results and parameters used are stored in JUBE:

```
user@deep $ cd /usr/local/deep-er/sdv-benchmarks/synthetic/ior
user@deep $ jube2 result benchmarks

user@deep $ cd /usr/local/deep-er/sdv-benchmarks/synthetic/mdtest
user@deep $ jube2 result benchmarks
```