





Scientific application deployment using CI/CD pipelines

SOS26

A. Fink, B. Cumming, T-I. Manitaras March, 2024





async-encfs-dvc

Standalone pip-package extending DVC with

- support for asynchronous stages with SLURM
- transparent encryption with EncFS
- seamless Docker and Sarus integration
- YAML-based stage policies to guarantee consistency across devs and clean project structure...
- ...while preserving the full power of DVC



Encourages a style, where application is agnostic to configuration

- simplifies portability between systems and reasoning
- enables inexperienced people to orchestrate workflows
- no assumptions on particular data layout

Performance benchmark results on Daint (TBD on Alps)

https://github.com/eth-cscs/async-encfs-dvc



Not part of this talk, but fits the session. Get in touch with Lukas Drescher if you are interested in more details.

Application deployment using CI

On Alps we want to support different application lifecycles:

- Relevance: provide the latest releases of software for users that need them
- Stability: don't force users to update
- Support software for a full project lifecycle (3-4 years)

The Situation today on Piz Daint:

- Regular updates every 6 months expect to break users' code
- Provided software is often at least 6-12 months out of date

Hzürich

Supported application upgrades is a manual process

Application deployment using CI - Objectives

- Fix all of the problems and have happy users
- System updates should not break user's workflows
- Easy to maintain and easy upgrade/downgrade
- Easy artifact overview
- Easy (and maybe automated) artifact deprecation/deletion
- Extendible and customizable by users
- Not reinventing the wheel





Application deployment using CI - Key components

- Three key components
 - CI targeting HPC infrastructure
 - User environments providing scientific applications to users
 - Regression testing framework



CI/CD setup at CSCS



Middleware: https://gitlab.com/cscs-ci/ci-testing/webhook-ci/middleware-go





CI/CD setup at CSCS

- Middleware is the orchestrator, gatekeeper and source of truth
- Gitlab runners (custom executors) communicate with middleware via REST API
- Middleware can be deployed on a server or kubernetes cluster
- At CSCS inside a kubernetes cluster (not Alps hardware)
 - Zero downtime upgrades possible
- Different deployment strategies of runners
 - Container-builder → kubernetes executor on Alps hardware
 - Container-runner (custom executor):
 - Login node of slurm cluster
 - Firecrest dispatcher
 - Baremetal-runner (custom executor):
 - Firecrest dispatcher

Middleware: <u>https://gitlab.com/cscs-ci/ci-testing/webhook-ci/middleware-go</u>





User environments



User environments

- Provide workflow-specific software stacks
- Deployed independently
- Deployed by users and user-support
- Built using spack in memory
- One environment is packaged to a single squashfs-file
- A few yaml files define the recipe for a user environment
- Building a uenv is done by the opinionated tool stackinator: <u>https://github.com/eth-cscs/stackinator</u>





User environments





Reframe

ReFrame is a powerful framework for writing system regression tests and benchmarks, specifically targeted to HPC systems

- Composable tests written in python
- Portable tests in a declarative way
- Multi-dimensional test parameterization
- Parallel test execution
- Support for multiple HPC schedulers, module systems and container runtimes
- Integration with Elastic and Graylog

Reframe: <u>https://github.com/reframe-hpc/reframe</u> Tests: <u>https://github.com/eth-cscs/cscs-reframe-tests</u>









ode	Blame 41 lines (41 loc) · 640 Bytes	Raw 🗗 🗶 🖌 🕶 😥	
1	nvhpc-env:		
2	compiler:		
3	- toolchain: llvm		
4	spec: nvhpc@22.11		
5	- toolchain: gcc		
6	spec: gcc@11		
7	mpi:		
8	spec: cray-mpich		
9	gpu: null		Build user environme
10	unify: true		
11	specs:		
12	- cmake%gcc		
13	- cuda@11.8		
14	- fftw		
15	- openblas		
16	- libxc@5.2.3%nyhpc~cuda		
17	- quantum-espress@7.1 %nyhpc +libxc +cuda ~scalapack ^openblas threads=openmp ^libxc		
18	- patchelf%gcc		
19	variants:		
20	- +mnj		
21	- +cuda		
22	- cuda arch=80		
23	nackanes:		
24	- omake		
25	- mA		
26	- perl		
27	- ait		
28	- pkrconf		
29	- readline		
30			
31	- diffutils		
32	- libicony		
33	- openss]		
3/	- solite		
35	- tar		
36	- libyml2		
37			
38	yiawa		
30	default.		
10	deralan:		
+0	evolude: ['quantum_espresso']		





1	nvhpc-env:	
2	compiler:	
3	- toolchain: llvm	
4	spec: nvhpc@22.11	Build user environmen
5	- toolchain: gcc	
6	spec: gcc@11	
7	mpi:	
8	spec: cray-mpich	
9	gpu: null	
10	unify: true	
11	specs:	
12	- cmake%gcc	
13	- cuda@11.8	
14	- fftw	
15	- openblas	
16	- libxc@5.2.3%nvhpc~cuda	
17	- quantum-espresso@7.1 %nvhpc +libxc +cuda ~scalapack ^openblas	threads=openmp ^libxo
18	- patchelf%gcc	



19	variants:	
20	- +mpi	
21	- +cuda	
22	- cuda_arch=80	
23	packages:	
24	- gmake	Build user environment
25	- m4	
26	- perl	
27	- git	
28	- pkgconf	
29	- readline	
30	- ncurses	
31	- diffutils	
32	- libiconv	
33	- openssl	
34	- sqlite	
35	- tar	
36	- libxml2	
37	- gettext	
38	views:	
39	default:	
40	develop:	
41	exclude: ['quantum-espresso']	





The pipeline needs to store images and associated meta data

- Images can be in large (>1GB)
- Meta data is usually small, in the order of kB:
 - JSON descriptions of the image contents, recipe, when and where it was built, etc.
 - ReFrame test results.

We use ORAS to manage artifacts:

- ORAS provides a CLI to distribute artifacts across OCI-compliant registries.
- We leverage the artifact versioning and lifetime management features provided by robust OCI implementations without rolling our own.

We use a JFrog registry, however any DockerHub compliant provider would work:

- OCI-compliant == DockerHub API
- Workflows are not tied to a specific artifact storage service or provider,
- And can directly use services such as GitHub Container Registry (ghcr.io)





- The CI pipeline stores the squashfs image in the **build** namespace of the registry
- and attaches the image meta data and ReFrame test results

```
# the full spec of the uenv: cluster/micro-architecture/uenv-name/version
$ uenv=eiger/zen2/prgenv-gnu/23.11
# push the image and meta data to OCI registry (JFrog)
$ oras push jfrog.svc.cscs.ch/uenv/build/$uenv:1153388082 \
--artifact-type application/x-squashfs store.squashfs
# attach meta data to the image
$ oras attach jfrog.svc.cscs.ch/uenv/build/$uenv:1153388082 \
--artifact-type uenv/meta ${rego}/${repo} ./meta
# attach reframe test results to the image
$ oras attach jfrog.svc.cscs.ch/uenv/build/$uenv:1153388082 \
--artifact-type uenv/meta ${rego}/${repo} ./meta
# attach reframe test results to the image
$ oras attach jfrog.svc.cscs.ch/uenv/build/$uenv:1153388082 \
--artifact-type uenv/reframe ./reframe_results
```





Deployment by copying from built to the **deploy** namespace of the registry

• the attached meta data and test results

A simple CLI tool that wraps oras for end users, e.g.

uenv image pull prgenv-gnu/23.11:latest

the full spec of the uenv: cluster/micro-architecture/uenv-name/version
\$ uenv=eiger/zen2/prgenv-gnu/23.11

the meta data and test results are still attached to the deployed artifact
\$ oras discover jfrog.svc.cscs.ch/uenv/deploy/\$uenv:latest
Discovered 1 artifact referencing latest
Digest: sha256:1e2d418fe383f793449e61e64c3700de4a07822ee16a89573d78f5e59a781519

Artifact Type Digest uenv/meta sha256:ebaedae79ce2581c0213ec6a2126fb6d9c88c1f6cfcc0ba9200730fea891f55e uenv/reframe sha256:f0b94dcaddec23bbd27da328dc23b48c48e8483bca8a0907fd7910aa0458a159

copy the image to the local file system
\$ oras pull -o ./store.squashfs jfrog.svc.cscs.ch/uenv/deploy/\$uenv:latest



- ReFrame inspects metadata
- Runs every test that matches metadata
- Tests are platform independent, the same test can be run in a container, baremetal or with a uenv

ReFrame testing of new uenv

Reframe: <u>https://github.com/reframe-hpc/reframe</u> Tests: <u>https://github.com/eth-cscs/cscs-reframe-tests</u>



- Pushing technically means to retag in the OCI registry
- No additional storage requirement, same artifact with a different name
- Allows all CSCS users to see the new artifact, when they list available user environments
- Upgrade / downgrade from a user perspective means to pull a newer / older version of the user environment
- Eager users can upgrade quickly, conservative stick with the old one for their project runtime

User environments: https://github.com/eth-cscs/alps-uenv

Push to OCI registry (deployment area)





1	and the second	
	11 Open	
	11 Oben	

change prgenv-gnu view to only include roots #65

bcumming wants to merge 1 commit into main from view/prgenv-gnu

Add more commits by pushing to the view/prgenv-gnu branch on eth-cscs/alps-uenv.



This branch has not been deployed

No deployments

× 😷 cscs/alps	Detai
× 😷 cscs/clariden-a100-prgenv-gnu:23.11	Detai
× 😷 cscs/santis-zen2-prgenv-gnu:23.11	Detai
✓ T cscs/eiger-zen2-prgenv-gnu:23.11	Detai
This branch has no conflicts with the base branch	Update branch -



CSCS-CI / 🚥 / alps-uenv-551234120955960 / alps-uenv-alps / Pipelines / #1157608311			
Change prgenv-gnu view to only include roots Failed CSCS Ciext created pipeline for commit 23c5146c ForCSCSCIpró5 Child pipeline (parent) Latest co 2 jobs 9 minutes 14 seconds, queued for 2 seconds Pipeline Needs Jobs 2 Failed Jobs 1 Tests 0			
Group jobs by Stage Job dependencies Show dependencies Image: Comparison of the state of the sta	test-prgenv-gnu/23.11-clariden/a100		



<pre>bindrome_Sti2st20000000000000000000000000000000000</pre>			
<pre>10 [911] (2/200 cscs_pup_toru_cteex /7%20005 glutuiden:nuppustore_default 21 **> tott failed doing 'study itst staged in Nose 22 **> tott failed doing 'study itst staged in Nose 23 [0 (] () () () () () () () () ()</pre>		i/mirrors/551234120955960/1440398897047560/6052925692/stage/clariden/nvgpu/store_default/gpu_burn_build_743a0cc9'	
<pre>10> test fails during 'startup:' test staged in knee 10</pre>		[FAIL] (2/28) cscs_gpu_burn_check /7f2ccd63 @clariden:nvgpu+store_default	Duration: 3 minutes 33 seconds
<pre>10 [0 0] [3/30] UNV_VLdtabetseboutelarion.rwppu=trore_default / 400.0650 gelaniden.rwppu=trore_default 11 [0 0] [4/30] UNV_VLdtabetsebout /-babets/D gelaniden.rwppu=trore_default 12 [0 0] [4/30] UNV_VLdtabetsebout /-babets/D gelaniden.rwppu=trore_default 13 [0 0] [4/30] UNV_VLdtabetsebout /-babets/D gelaniden.rwppu=trore_default 14 [0 0] [4/30] UNV_VLdtabetsebout /-babets/D gelaniden.rwppu=trore_default 15 [1 0 0] [5/30] UNV_VLdtabetsebout /-babets/D gelaniden.rwppu=trore_default 15 [1 0 0] [5/30] UNV_VLdtabetsebout /-babets/D gelaniden.rwppu=trore_default 15 [1 0 0] [5/30] UNV_VLdtabetsebout /-babetsebout /-bab</pre>		==> test failed during 'startup': test staged in None	Finished: 1 month ago
<pre>10 [Dim] UBWMVd1dev_decourd /#55eto3 @claiden:wqpuestore_default 10 [Dim] (1 4/23) @Ukuencytod /#55eto3 @claiden:wqpuestore_default 10 [Dim] (1 4/23) @Ukuencytod /#55eto3 @claiden:wqpuestore_default 10 [Dim] (1 4/23) @Ukuencytod /#55eto3 @claiden:wqpuestore_default 10 [Dim] (1 4/23) @Ukuencytod /#55eto3 @claiden:wqpuestore_default 10 [Dim] (1 2/23) @Ukuencytod /#55eto3 @claiden:wqpuestore_default 10 [Dim] (1 //23) @Ukuencytod /#55eto3 @claiden:wqpuestore_default 10 [Dim] (1 //23) @Ukuencytod /#55eto3 @claiden:wqpuestore_default 10 [Dim] (1 //23) @Ukuencytod /#55eto3 @claiden:wqpuestore_default 10 [Dim] (1 //23) @Ukuencytod /#55eto3 @claiden:wqpuestore_default 10 [Dim] (1 //23) @Ukuencytod /#55eto3 @claiden:wqpuestore_default 10 [Dim] (1 //23) @Ukuencytod /#55eto3 @claiden:wqpuestore_default 10 [Dim] (1 //23) @Ukuencytod /#55eto3 @claiden:wqpuestore_default 10 [Dim] (1 //23) @Ukuencytod /#55eto3 @claiden:wqpuestore_default 10 [Dim] (1 //23) @Ukuencytod /#55eto3 @claiden:wqpuestore_default 10 [Dim] (1 //23) @Ukuencytod /#55eto3 @claiden:wqpuestore_default 10 [Dim] (1 //23) @Ukuencytod /#55eto3 @claiden:wqpuestore_default 10 [Dim] (1 //23) @Ukuencytod /#55eto3 @claiden:wqpuestore_default 10 [Dim] (1 //23) @Ukuencytod /#55eto3 @claiden:wqpuestore_default 10 [Dim] (1 //23) @Ukuencytod /#55eto3 @claiden:wqpuestore_default 10 [Dim] (1 //23) @Ukuencytod /#55eto3 @claiden:wqpuestore_default 10 [Dim] (1 //23) @Ukuencytod /#55eto3 @claiden:wqpuestore_default 10 [Dim] (1 //23) @Ukuencytod /#55eto3 @claiden:wqpuestore_default 10 [Dim] (1 //23) @Ukuencytod /#55eto3 @claiden:wqpuestore_default 10 [Dim] (1 //23) @Ukuencytod /#55eto3 @claiden:wqpuestore_default 10 [Dim] (1 //23) @Ukuencytod /#55eto3 @claiden:wqpuestore_default 10 [Dim] (1 //23) @Ukuencytod /#55eto3 @claiden:wqpuestore_default 10 [Dim] (1 //23) @Ukuencytod /#55eto3 @claiden:wqpuestore_default 10 [Dim] (1 //23) @Ukuencytod /#55eto3 @claiden:wqpuestore_default 10 [Dim] (1 //23) @Ukuencytod /#55eto3</pre>		[Queued: 1 second
<pre>14 [0 [1/20] SQLatencyCode //2894era getaudem:nuppuestore_default 25 [Latency_Adm 124.92 up (r:180.4, likon; up.13) 26 P; Latency_Adm 124.92 up (r:180.4, likon; up.13) 27 [1/20] SQLatencyCode //2894era getaudem:nuppuestore_default 27 [1/20] SQLatencyCode //2894era getaudem:nuppuestore_default 28 P; Latency_Adm 124.92 up (r:180.4, likon; up.13) 29 P; Latency_Adm 124.92 up (r:180.4, likon; up.13) 20 P; Latency_Adm 124.92 up (r:180.4, likon; up.13) 21 P; Latency_Adm 124.92 up (r:180.4, likon; up.13) 21 P; Latency_Adm 124.92 up (r:180.4, likon; up.13) 22 P; Latency_Adm 124.92 up (r:180.4, likon; up.15) 23 P; Latency_Adm 124.92 up (r:180.4, likon; up.15) 24 P; Latency_Adm 124.92 up (r:180.4, likon; up.15) 25 P; Latency_Adm 124.92 up (r:180.4, likon; up.15) 26 P; Latency_Adm 124.92 up (r:180.4, likon; up.15) 27 P; Latency_Adm 124.92 up (r:180.4, likon; up.15) 28 P; Latency_Adm 124.92 up (r:180.4, likon; up.15) 29 P; Latency_Adm 124.92 up (r:180.4, likon; up.15) 20 P; Latency_Adm 124.92 up (r:180.4, likon; up (</pre>		[RUN] UENV_NvidiaDeviceCount /fb5e8cb7 @clariden:nvgpu+store_default	Timeout: 1h (from project) (?)
<pre>13 b; Latency.265: 3.75 us (r.3.7.9, Likone, uo.15) 14 b; Latency.265: 3.75 us (r.3.7.9, Likone, uo.15) 15 b; Latency.265: 3.75 us (r.3.9, u. (r.3.9,</pre>		[OK] (4/28) OSULatencyCuda /42896efa @clariden:nvgpu+store_default	Runner: #22823746 (f_Gtds4z-) ci-ext
<pre>10 0: Latency.4H: 344.42 us (r:18.0.4, Likone, us.15) 10 0: Latency.4H: 344.42 us (r:18.0.4, Likone, us.15) 11 0: Latency.4H: 344.42 us (r:18.0.4, Likone, us.15) 12 bandwidth.2ds: 457.63.84 M/s (r:280.0, Likone), ushne) 13 0: Lot(7.83, 050Bandwidthub / 4572705 @latendem:nvgpu-store_default 13 P: bandwidth.2ds: 457.63.84 M/s (r:2408.0, Likone), ushne) 14 0: Lot(7.28) 050Bandwidthub / 4572705 @latendem:nvgpu-store_default 15 P: bandwidth.2ds: 457.63.84 M/s (r:2408.0, Likone), ushne) 15 P: bandwidth.2ds: 417.64, ushne), ushne) 16 0: Lot(7.28) 050Bandwidthub / 4572705 @latendem:nvgpu-store_default 17 v= bandwidth.2ds: 417.64, ushne), ushne) 17 P: bandwidth.2ds: 417.64, ushne), ushne) 18 P: Latency.2ds: 23.80, us (r:28.0.6, likone, ush.3) 19 P: Latency.2ds: 23.80, us (r:28.0.6, likone, ush.3) 10 (III) (1/28) UWW.WidtaBevicEouth / H58627 @latendem:nvgpu-store_default 11 (III) (IIII) (III) (III) (IIII) (III) (IIII)</pre>		P: latency_256: 3.75 us (r:3.75, l:None, u:0.15)	To any algoridan la sin beremetel
<pre>107 [0 1 (/28) 0088netuthuose /9875522 @claraden.rwgpu+store_default 21 P: bandentitt_de: 23482.23 Mg/s (r:2408.0, 1:-0.15, u:None) 22 P: bandentitt_de: 23482.23 Mg/s (r:2408.0, 1:-0.15, u:None) 23 P: bandentitt_de: 23482.23 Mg/s (r:2408.0, 1:-0.15, u:None) 24 P: bandentitt_de: 23482.24 Mg/s (r:2408.0, 1:-0.15, u:None) 25 P: bandentitt_de: 23482.4 Mg/s (r:2408.0, 1:-0.15, u:None) 26 P: latency_de: 138.6 K us (r:26.0, 1, u:None, u'C.5.1, linen, u'D.5) 26 P: latency_de: 138.6 K us (r:26.0, 1, u:None, u'C.5.1, linen, u'D.5) 26 [r.141] (0/28) Streamizer / Catagoding (Catagodin</pre>		P: latency_4M: 184.92 us (r:180.0, l:None, u:0.15)	Tags: clariden-login-baremetal
<pre>10 P: bandwith_d: 23:32.32 MB/G (r:200.0, 1:-6.15, w:None) 10 P: bandwith_d: 23:32.32 MB/G (r:200.0, 1:-6.15, w:None) 11 P: bandwith_d: 23:38.12 MB/G (r:200.0, 1:-6.15, w:None) 12 P: bandwith_d: 23:38.12 MB/G (r:200.0, 1:-6.15, w:None) 13 P: bandwith_d: 23:38.12 MB/G (r:200.0, 1:-6.15, w:None) 14 P: latency_25: 2.39 us (r:2.3, 1:None, v:0.5) 15 P: latency_25: 2.39 us (r:2.3, 1:None, v:0.5) 15 P: latency_25: 2.39 us (r:2.3, 1:None, v:0.5) 16 (r) [0/2] Wull_movy_15:16 do latency instant/single-store_default 17 ==> test failed during 'sanity': test staged in '/lopsstor/scartch/css/jenks3/jtilab-runner/builds/f_dids/B/csss-ci/ci-testing/webhook-ci/mirr ors/S12M21095S00/1463988974500/06129509/142805 Belandem:nxgpu+store_default 16 (r) [1/2/3) UBWCudoSamples Sample-computer Substore_default 17 ==> test failed during 'sanity': test staged in '/lopsstor/scartch/csss/jenks3/jtilab-runner/builds/f_dids/B/csss-ci/ci-testing/webhook-ci/mirr ors/S12M21095S00/1463988974500/0428959874500 Belandem:nxgpu+store_default 17 ==> test failed during 'sanity': test staged in '/lopsstor/scartch/csss/jenks3/jtilab-runner/builds/f_dids/B/csss-ci/ci-testing/webhook-ci/mirr ors/S12M21095S00/1463988974500/0428975959724502 Belandem:nxgpu+store_default 16 ==> test failed during 'sanity': test staged in '/lopsstor/scartch/csss/jenks3/jtilab-runner/builds/f_dids/B/csss-ci/ci-testing/webhook-ci/mirr ors/S12M21095S00/1463988974500/046397259972 stage/clandin/nxgpu+store_default 16 ==> test failed during 'sanity': test staged in '/lopsstor/scartch/css/jenks3/jtilab-runner/builds/f_dids/B/csss-ci/ci-testing/webhook-ci/mirr ors/S12M21095S00/1463988974500 (alcaling/mapping)/state_efault/test 17 = fAll [1/2] Billowithered field during 'sanity': test staged in '/lopsstor/scartch/css/jenks3/jtilab-runner/builds/f_dids/B/csss-ci/ci-testing/webhook-ci/mirr ors/S12M21095S00/1463989874500 (alcaling/mapping)/state_efault/test/Billowithered testing/mapping/field/billowithered testing/mapping isone_default 18 ==> test failed during 'sanity': test staged</pre>	147	[0K] (5/28) 0SUBandwidthCuda /9b75552e @clariden:nvgpu+store_default	Commit 07051/40 P
<pre>10 P: bandwidth_4: 2342: 23 MB/A (r:2400.a) (::0.15, u:None) 11 P: bandwidth_4: 2342: 23 MB/A (r:2400.a) (::0.15, u:None) 12 P: bandwidth_4: 2342: 338. K MB/S (r:2400.a) (::0.15, u:None) 13 P: bandwidth_4: 2342: 338. K MB/S (r:2400.a) (::0.15, u:None) 13 P: bandwidth_4: 2342: 338. K MB/S (r:2400.a) (::0.15, u:None) 13 P: bandwidth_4: 2342: 338. K MB/S (r:2400.a) (::0.15, u:None) 13 P: bandwidth_4: 2342: 339. US (r:23. a) (r:24. a) (r:24</pre>		P: bandwidth_256: 326.03 MB/s (r:200.0, l:-0.15, u:None)	Commit 23031480 [3
<pre>13 [0, /26] S00Bandwidth /b272708 @clariden:rwgpu+store_default 13 P: bandwidth_dtr: 23888_14 MB/s (r:24080.0, 1:-0.1;, v:None) 13 [0, // 7/28) S0ULatency /158754f @clariden:rwgpu+store_default 13 P: bandwidth_dtr: 23888_14 MB/s (r:24080.0, 1:-0.1;, v:None) 13 [0, // 7/28) S0ULatency /158754f @clariden:rwgpu+store_default 13 P: bandwidth_dtr: 23888_14 MB/s (r:24080.0, 1:-0.1;, v:None) 13 [0, // 1 (7/28) S0ULatency /158754f @clariden:rwgpu+store_default 13 P: bandwidth_dtr: 1488_44 us (r:188.0, 1:hone, ut0.3) 14 [0, // 28) View_V: (r:23, 1:hone, ut0.3) 15 P: latency_Ab: 188.74 us (r:188.6, 1:hone, ut0.3) 15 P: latency_Ab: 188.74 us (r:188.6, 1:hone, ut0.3) 15 [0, // 1 (7/28) Streamiest /cdfaulden:rwgpu+store_default 15 [0, // 1 (7/28) UEW_V: uddsamples Sampl=-conjugateGraiden:rwgpu+store_default 15 [0, // 1 (17/28) UEW_V: uddsamples Sampl=-conjugateGraiden:rwgpu+store_default 16 [0, // 1 (12/28) UEW_V: uddsamples Sampl=-conjugateGraiden:rwgpu+store_default 17 [0, // 1 (12/28) UEW_V: uddsamples Sampl=-conjugateGraiden:rwgpu+store_default 16 [0, // 1 (12/28) UEW_V: uddsamples Sampl=-conjugateGraiden:rwgpu+store_default 17 [0, // 1 (12/28) UEW_V: uddsamples Sampl=-conjugateGraiden:rwgpu+store_default 18 [0, // 1 (12/28) UEW_V: uddsamples Sampl=-conjugateGraiden:rwgpu+store_default 19 [0, // 1 (12/28) UEW_V: uddsamples Sampl=-conjugateGraiden:rwgpu+store_default 10 [0, // 1 (12/28) UEW_V: uddsamples Sampl=-conjugateGraiden:rwgpu+store_default 10 [0, // 1 (12/28) MB/Initiet //Jabccef @clariden:rwgpu+store_default 12 [0, // 1 (12/28) MB/Initiet //Jabccef @clariden:rwgpu+store_default 13 [0, // 1 (12/28) MB/Initiet //Jabccef @clariden:rwgpu+store_default 14 [0, // 1 (12/28) MB/Initiet //Jabccef @clariden:rwgpu+store_default 15 [0, // 1 (12/28) MB/Initiet //Jabccef @clariden:rwgpu+store_default 16 [0, // 1 (12/28) MB/Initiet //Jabccef @clariden:rwgpu+store_default 17 ==> test failed during 'sanity': test staged in // iopsstor/scratch/cscs/jenkssl/gitlab-runner/builds/f_Stdss2/0/cscs-cl/cl-test</pre>		P: bandwidth_4M: 23482.23 MB/s (r:24000.0, l:-0.15, u:None)	change prgenv-gnu view to only
<pre>131 P: bandwidth_250: 411.5 MB/s (r:008.0, 1:-0.5, u:lone) 132 P: bandwidth_250: 411.5 MB/s (r:008.0, 1:-0.5, u:lone) 133 [(i) (1/7/20) 05ULtenvy /1587504 [balanden:vgpu=store_default 134 P: latency_250: 23.9 us (r:2.3, 1:lone, u:0.15) 135 P: latency_250: 23.9 us (r:2.3, 1:lone, u:0.15) 136 [Atl.] (a /20) StreamTest /cdr4220@ gluraiden:vgpu=store_default 137 => test failed during 'sanity': test staged in '/logsstor/scratch/cscs/jenkssl/gitlab-runner/builds/f_Stds42/0/cscs-ci/ci-testing/webhook-ci/mirr 07/S5125412005500(/340398970/7500/0527920592/stage/clariden:vngpu=store_default 139 [(i) (1/20) UEW_Vuddsamptes %ample=songuesterUEUBA f/0807599 (Diariden:vngpu=store_default 130 [(i) (1/20) UEW_Vuddsamptes %ample=songuesterUEUBA f/0807599 (Diariden:vngpu=store_default 131 [(i/20) UEW_Vuddsamptes %ample=songuesterUEUBA f/0807599 (Diariden:vngpu=store_default 132 [(i) (1/20) UEW_Vuddsamptes %ample=songuesterUEUBA f/0807599 (Diariden:vngpu=store_default 134 [(i) (1/20) UEW_Vuddsamptes %ample=songuesterUEUBA f/0807599 (Diariden:vngpu=store_default 135 [(i) (1/20) UEW_Vuddsamptes %ample=songuesterUEUBA f/0807599 (Diariden:vngpu=store_default 130 [(i) (1/20) UEW_VUddsamptes %ample=songuesterUEUBA f/0807599 (Diariden:vngpu=store_default 134 [(i) (1/20) UEW_VUddsamptes %ample=songuesterUEUBA f/0807599 (Diariden:vngpu=store_default 135 [(i) (1/20) UEW_VUddsamptes %ample=songuesterUEUBA f/0807599 (Diariden:vngpu=store_default 136 [(i) (1) (2/20) UEW_VUddsamptes %ample=songuesterUEUBA f/0807599 (Diariden:vngpu=store_default 136 [(i) (1) (2/20) UEW_VUddsamptes %ample=songuesterUEUBA f/0807599 (Diariden:vngpu=store_default 137 [(i) (1) (2) (i) NULL (i) (i) (i) (i) (i) (i) (i) (i) (i) (i)</pre>	150	[0K] (6/28) 0SUBandwidth /bd272703 @clariden:nvgpu+store_default	include roots
<pre>132 [:: bandwidth_dt: 2388.14 MP/s (r:24080.0, 1:-0.15, u:None) 135 [(w] (7/28) SolUtatery (7483736 feature) enders with the standard of the standa</pre>	151	P: bandwidth_256: 611.5 MB/s (r:600.0, l:-0.5, u:None)	Dinalina #1157609211 Collad for
<pre>133 [0K (7/28) 0SULATENCY /JSST367 @clariden:nypu+store_default 136 P: Litency_286: 229 US (ric2.5), Likone, vi0.15) 137 P: Litency_248: 290 Kric2.5), Likone, vi0.15) 138 [16/28) StreamTest /odf4200 @clariden:nypu+store_default 137 rest test failed during 'samity': test staged in '/iopstor/soratch/scs/jenksl/gitlab-runner/builds/f_6tds42/0/cscs-ci/ci-testing/webhook-ci/mirr ors/S5125420955960/1440398897047500/0502725092/stage/clariden/nypu/store_default 139 [0/8] UEW_buildshels Sample-simpleCULAS /A9597959 @clariden:nypu+store_default 130 [0/8] UEW_buildshels Sample-sizerony/ofscratch/scs/jenkssl/gitlab-runner/builds/f_0tds42/0/css-ci/ci-testing/webhook-ci/mirr ors/S512342095596/14409889707300/b852925052/stage/clariden:nypu+store_default 130 ==> test failed during 'samity': test staged in '/iopsstor/scratch/scs/jenkssl/gitlab-runner/builds/f_8tds42/0/css-ci/ci-testing/webhook-ci/mirr ors/S512342095596/14409889706/360/26252052/stage/clariden:nypu+store_default 130 ==> test failed during 'samity': test staged in '/iopsstor/scratch/scs/jenkssl/gitlab-runner/builds/f_8tds42/0/css-ci/ci-testing/webhook-ci/mirr ors/S512342095596/144098897047500/685292502/stage/clariden:nypu+store_default 130 ==> test failed during 'samity': test staged in '/iopsstor/scratch/scs/jenkssl/gitlab-runner/builds/f_8tds42/0/css-ci/ci-testing/webhook-ci/mirr ors/S512342095596/1440398897047500/685292502/stage/clariden:nypu+store_default 131 [17/8] HuilownOrdTestHPIDpenMP Rinkingedynamic Xiang-p90 /6903dade @claride</pre>	152	P: bandwidth_4M: 23888.14 MB/s (r:24000.0, l:-0.15, u:None)	Pipetine #1157606511 V Faited Tor
<pre>136 P: Latency_26: 2.3 y us (r:2.3, L:None, v:0.5) 137 P: Latency_26: 2.3 y us (r:2.3, L:None, v:0.5) 138 P: Latency_26: 2.3 y us (r:2.3, L:None, v:0.5) 139 P: Latency_26: 2.3 y us (r:2.3, L:None, v:0.5) 130 [#AL] (\$/28) StreamEast /cdf&28d gClariden:nypustore_default 137 =>> test failed during 'sanity': test staged in '/iopsstor/scratch/cscs/jenkssl/gitlab-runner/builds/f_6tds42/8/cscs-ci/ci-testing/mebhook-ci/mirr 139 [0x] (10/28) UEW_Uudsämples %ample=scuplest@clariden:nypustore_default 130 [0x] (11/28) UEW_Uudsämples %ample=scuplest@clariden:nypustore_default 130 [0x] (11/28) UEW_Uudsämples %ample=scuplest@clariden:nypustore_default 131 [12/28) UEW_Uudsämples %ample=scuplest@clariden:nypustore_default 132 [0x] (11/28) UEW_Uudsämples %ample=scuplest@clariden:nypustore_default 133 [0x] (11/28) UEW_Uudsämples %ample=scuplest@clariden:nypustore_default 134 [12/28) UEW_Uudsämples %ample=scuplest@clariden:nypustore_default 135 [#AL] (14/28) UEW_Uudsämples %ample=scuplest@clariden:nypustore_default 134 =>> test failed during 'sanity': test staged in '/iopsstor/scratch/scs/jenkssl/gitlab-runner/builds/f_6tds42/8/css-ci/ci-testing/mebhook-ci/mirr 078/55123420955506/144039887047568/0832725592/stage/clariden/nypu/store_default 136 =>> test failed during 'sanity': test staged in '/iopsstor/scratch/css/jenkssl/gitlab-runner/builds/f_6tds42/8/css-ci/ci-testing/mebhook-ci/mirr 078/55123420955506/144039887047568/0839225592/stage/clariden/nypu/store_default 137 =>> test failed during 'sanity': test staged in '/iopsstor/scratch/css/jenkssl/gitlab-runner/builds/f_6tds42/8/css-ci/ci-testing/mebhook-ci/mirr 078/55123420955506/144039887047568/0830255725422/stage/clariden/nypu/store_default 139 => test failed during 'sanity': test staged in '/iopsstor/scratch/css/jenkssl/gitlab-runner/builds/f_6tds42/8/css-ci/ci-testing/mebhook-ci/mirr 078/55123420955506/144039887047568/083025572552/stage/clariden/nypu/store_default 139 => test failed during 'sanity': test staged in '/iopsstor/scratch/css/jenkssl/gitl</pre>		[0K] (7/28) 0SULatency /1583f36f @clariden:nvgpu+store_default	CSCSCIpr65 🖺
<pre>135 P: Latency_4%: 180.94 us (r:180.0, 1:None, v0.1.5) 15 [#XL] 6 (25) StreamEst / Lofd#220 @Liniden:nuppu+store_default 15 => test failed during 'sanity': test staged in '/lopsstor/scratch/scs/jenkssl/jitlab-runner/builds/f_6ds42/0/css-ci/ci-testing/webhook-ci/mirr ors/S5124120955%06/144039897047506/0652925692/stage/clariden:nuppu+store_default 15 [0 K] (7/28) UEW_VLoddSamples %sample-conjugateFradientCudBaraphs //2880cbdB @Lariden:nuppu+store_default 16 [0 K] (1/28) UEW_CLoddSamples %sample-testing/testing/taberuner/builds/f_6ds42/0/css-ci/ci-testing/webhook-ci/mirr ors/S5124120955%06/1440398897047506/0652925692/stage/clariden:nuppu+store_default 16 [0 K] (1/28) UEW_CLoddSamples %sample-testing/testing/taberuner/builds/f_6ds42/0/css-ci/ci-testing/webhook-ci/mirr ors/S5124120955%06/1440398897047506/0652925692/stage/clariden:nuppu+store_default 16 [0 K] (1/28) UEW_CLoddSamples %sample-testing/uebhook-ci/mirr ors/S5124120955%06/1440398897047506/0652925692/stage/clariden:nuppu+store_default 16 [0 K] (1/28) UEW_VCHOASAmples %sample-testing/uebhook-ci/mirr ors/S5124120955%06/1440398897047506/0652925692/stage/clariden:nuppu+store_default/UEW_WMLthcck' 17 [FAL] (1/28) UEW_VCHOASAmples %sample-testing/uebhook-ci/mirr ors/S5123420295%06/1440398897047506/0652925692/stage/clariden/nuppl/store_default/UEW_WMLthcck' 18 [1/28] UEMAWWLthest //3bdccef @clariden:nuppu+store_default/UEW_WMLthcck' 19 [FAL] (1/28) HellWWnUtGretHPIDpenPM %linking=tynantc %linksing=t99 (70905dadd @clariden:nuppu+store_default 10 =>> test failed during 'sanity': test staged in '/lopsstor/scratch/cscs/jenksil/gitlab-runner/builds/f_6ds42/0/cscs-ci/ci-testing/webhook-ci/mirr ors/S51234209595%06/1440398897047506/052925692/stage/clariden/nuppl/store_default/HellOnorlfestHPIDpenPM_0903dadc' 19 [FAL] (18/28) HellWWnUtGretHPIDpenPM %linking=dynantc %linksing=tesk failed during 'sanity': test staged in '/lopsstor/scratch/cscs/jenksil/gitlab-runner/builds/f_6ds42/0/cscs-ci/ci-testing/webhook-ci/mirr ors/S51234209595%06/14403988970475</pre>	154	P: latency_256: 2.39 us (r:2.3, l:None, u:0.5)	test ~
<pre>135 [FAI] (8/28) StreamTest /\off420dd @clariden:nvgpustore_default 137 =>> test failed during 'santy': test staged in '/lopstor/scratch/cscs/jenkssl/gitlab-runner/builds/f_0tds/z/0/cscs-ci/ci-testing/webhook-ci/mirr ors/S512X120955900/1440398097047500/052925092/stage/clariden/nvgpu/store_default 136 [00] (0/28) UENV_CudaSamples &sample=simpleCUBLAS /a0097699 @clariden:nvgpustore_default 136 [00] (11/28) UENV_CudaSamples &sample=simpleCUBLAS /a0097699 @clariden:nvgpustore_default 136 [01] (11/28) UENV_CudaSamples &sample=teandurtUtdaferpha/2880ch8 @clariden:nvgpustore_default 136 [02] (11/28) UENV_CudaSamples &sample=deviceQuery /ofedce95 @clariden:nvgpustore_default 136 [03] (12/28) UENV_CudaSamples &sample=deviceQuery /ofedce95 @clariden:nvgpustore_default 136 [04] (12/28) UENV_CudaSamples &sample=deviceQuery /ofedce95 @clariden:nvgpustore_default 136 [FAI] (14/28) UENV_CudaSamples &sample=deviceQuery /ofedce95 @clariden:nvgpustore_default 136 [FAI] (14/28) UENV_CudaSamples &sample=deviceQuery /ofedce95 @clariden:nvgpustore_default 136 [FAI] (14/28) UENV_CudaSamples &sample=deviceQuery /ofedce95 @clariden:nvgpustore_default 136 [FAI] (14/28) UENV_CudaSamples &sample=deviceQuery /ofedce95 @clariden:nvgpustore_default 136 [FAI] (14/28) UENV_CudaSamples &sample=deviceQuery /ofedce95 @clariden:nvgpustore_default 136 =>> test failed during 'sanity': test staged in '/lopstor/scratch/cscs/jenkssl/gitlab-runner/builds/f_dtds/28/cscs-ci/ci-testing/webhook-ci/mirr ors/S51284120955900/1446398897047500/0652925092/stage/clariden/nvgpu/store_default 137 =>> test failed during 'sanity': test staged in '/lopstor/scratch/cscs/jenkssl/gitlab-runner/builds/f_dtds/28/cscs-ci/ci-testing/webhook-ci/mirr ors/S51284120955900/1446398897047500/0652925092/stage/clariden/nvgpu/store_default 137 =>> test failed during 'sanity': test staged in '/lopstor/scratch/cscs/jenkssl/gitlab-runner/builds/f_dtds/20/cscs-ci/ci-testing/webhook-ci/mirr ors/S51284120955900/1460398897047500/0652925092/stage/clari</pre>		P: latency_4M: 180.94 us (r:180.0, l:None, u:0.15)	
<pre>157 =>> test failed during 'sanity': test staged in '/iopstor/scrath/csc/jetks2/jgitlab-runner/builds/f_dtds2/0/cscs-ci/ci-testing/webhook-ci/mirr ors/S512341206955900/144039897067500/053229502/stage/clariden/rugpu/store_default 159 [0K] (9/28) UEW_Wx1diabeviceCount /fb586b7 @clariden:rugpu+store_default 159 [0K] (12/28) UEW_Wx1diabemples %sample-simplevEUBLKS / 06057890 %clariden:rugpu+store_default 160 [0K] (11/28) UEW_Ucudsamples %sample-simplevEUBLKS / 06057890 %clariden:rugpu+store_default 161 [0K] (11/28) UEW_Ucudsamples %sample-simplevEUBLKS / 06057890 %clariden:rugpu+store_default 162 [0K] (12/28) UEW_Ucudsamples %sample-simplevEUBLKS / 06057890 %clariden:rugpu+store_default 162 [0K] (12/28) UEW_Ucudsamples %sample-simplevEUBLKS / 06057890 %clariden:rugpu+store_default 162 [FAIL] (12/28) UEW_Ucudsamples %sample-simplevEUBLKS / 06057890 %clariden:rugpu+store_default 164 ==> test failed during 'sanity': test staged in '/iopstor/scrath/cscs/jenks1/gitlab-runner/builds/f_dtds2/0/cscs-ci/ci-testing/webhook-ci/mirr ors/S51234120055900/1440398970500/053225092/stage/clariden/rugpu/store_default 165 [FAIL] (12/28) MplInitfest /13bcocef @clariden:rugpu+store_default 166 ==> test failed during 'sanity': test staged in '/iopstor/scrath/cscs/jenks1/gitlab-runner/builds/f_dtds2/0/cscs-ci/ci-testing/webhook-ci/mirr ors/S51234120055900/144039897067500/053225092/stage/clariden/rugpu/store_default/HelloWorldFetHPIDpenMP_0903dadc' 169 [FAIL] (12/28) HelloWorldTestHPIDpenMP %linking=dynamic %lang=cp / Act639970 @clariden:rugpu+store_default 169 ==> test failed during 'sanity': test staged in '/iopstor/scrath/cscs/jenks1/gitlab-runner/builds/f_dtds2/0/cscs-ci/ci-testing/webhook-ci/mirr ors/S51234120955900/144039897047500/05222502/stage/clariden/rugpu/store_default/HelloWorldTestHPIDpenMP_0903dadc' 169 [FAIL] (12/28) HelloWorldTestHPIDpenMP %linking=dynamic %lang=cp / Act6399707 171 [FAIL] (12/28) HelloWorldTestHPIDpenMP %linking=dynamic %lang=cp / Act6399707 172 [FAIL] (12/28) HelloWorldTestHPI</pre>		[FAIL] (8/28) StreamTest /cdf4820d @clariden:nvgpu+store_default	Related jobs
ors/5512312095580/14039887047580/052925092/stage/clariden:nyupu/store_default fstremTest' <pre>>> C test-prgenv-gnu/23.11-clar</pre> <pre>>> C test-prgenv-gnu/23.11-clar</pre> <pre>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>></pre>	157	==> test failed during 'sanity': test staged in '/iopsstor/scratch/cscs/jenkssl/gitlab-runner/builds/f_6tds4z/0/cscs-ci/ci-testing/webhook-ci/mirr	Retated jobb
<pre>188 [0K] (9/28) UEW_NoidiabeviceCount //b586b7 @clariden:nvgpu+store_default 199 [0K] (12/28) UEW_CodaSamples %sample=simpleCBML48 /a095f959 @clariden:nvgpu+store_default 100 [0K] (11/28) UENV_CodaSamples %sample=simpleCUBLAS /a095f959 @clariden:nvgpu+store_default 101 [0K] (12/28) UENV_CodaSamples %sample=simpleCUBLAS /a095f959 @clariden:nvgpu+store_default 102 [0K] (13/28) UENV_CodaSamples %sample=simpleCUBLAS /a095f959 @clariden:nvgpu+store_default 103 [PAIL] (14/28) UENV_CodaSamples %sample=deviceQuery /bfeddec95 @clariden:nvgpu+store_default 104 [arx [14/28) UENV_CodaSamples %sample=deviceQuery /bfeddec95 @clariden:nvgpu+store_default 105 [PAIL] (14/28) UENV_NNHLCheck /ddfb57a @clariden:nvgpu+store_default 106 ==>> test failed during 'sanity': test staged in '/iopstor/scratch/cssc/jenkssl/gitlab-runner/builds/f_6tds4z/8/cscs-ci/ci-testing/webhook-ci/mirr 105 ors/531234120955960/144639889704560/6052925692/stage/clariden/nvgpu/store_default 106 ==>> test failed during 'sanity': test staged in '/iopstor/scratch/cssc/jenkssl/gitlab-runner/builds/f_6tds4z/8/cscs-ci/ci-testing/webhook-ci/mirr 105 ors/531234120955960/144639889704560/6052925692/stage/clariden/nvgpu/store_default/MpiInitTest' 106 [PAIL] (16/28) HelloworldTestHPIDpenHP %linking=dynamic %lang=F90 /0903dadc @clariden:nvgpu+store_default 107 [PAIL] (17/28) HelloworldTestHPIDpenHP %linking=dynamic %lang=GP0 /default/HelloWorldTestHPIDpenHP_8083dadc' 108 [CAIL] (17/28) HelloworldTestHPIDpenHP %linking=dynamic %lang=GP0 /default/HelloWorldTestHPIDpenHP %lok639889704560/6052925692/stage/clariden/nvgpu/store_default 108 ==> test failed during 'sanity': test staged in '/iopstor/scratch/cscs/jenkssl/gitlab-runner/builds/f_6tds4z/8/cscs-ci/ci-testing/webhook-ci/mirr 107 ors/531234120955960/144639889704560/6052925692/stage/clariden:nvgpu/store_default 108 ==> test failed during 'sanity': test staged in '/iopstor/scratch/cscs/jenkssl/gitlab-runner/builds/f_6tds4z/8/cscs-ci/ci-testing/webhook-ci/mirr 109 [MAIL] (19/2</pre>		ors/551234120955960/1440398897047560/6052925692/stage/clariden/nvgpu/store_default/StreamTest'	→ 😢 test-prgenv-gnu/23.11-clar
<pre>19 [00K] (10/28) UEN/_CudaSamples %sample=conjugateGrainentCudaGraphs / 288cbcb8 @clariden:nvgpu+store_default 10 [0K] (12/28) UEN/_CudaSamples %sample=andwidthTest //5d402e3 @clariden:nvgpu+store_default 10 [0K] (12/28) UEN/_CudaSamples %sample=bandwidthTest //5d402e3 @clariden:nvgpu+store_default 10 [0K] (12/28) UEN/_UudaSamples %sample=bandwidthTest //5d402e3 @clariden:nvgpu+store_default 10 [FALL] (12/28) UEN_WURLChck / ddfiden:nvgpu+store_default 10 [FALL] (12/28) WEIN_UNLChck / ddfiden:nvgpu+store_default 10 [FALL] (12/28) WEIN_UNLChck / ddfiden:Nugpu+store_default 10 [FALL] (12/28) WEIN_UNLChck / ddfiden:Nugpu+store_default 10 [FALL] (12/28) WEIN_UNLChck / ddfiden:Nugpu+store_default 10 [FALL] (12/28) WEINUFChck / ddfiden / ddfiden / nugpu+store_default/WEINITEst' 10 [FALL] (12/28) WEINUFChd / ddfiden / nugpu/store_default/MEINITEst' 10 [FALL] (12/28) WEINUFCHM / ddfiden/mugpu/store_default/MEINITEst' 10 [FALL] (12/28) WEINUFCHM / ddfiden/mugpu/store_default/MEINITEst' 10 [FALL] (12/28) WEINUFCHM / ddfiden/mugpu/store_default/MEINITEst' 10 [FALL] (12/28) WEINUFCHM / ddfiden/mugpu/store_default/HEID@FMP_8063dact' 11 [5=> test failed during 'sanity': test staged in '/iopsstor/scratch/cscs/jenkssl/gitlab-runner/builds/f_6tds2/0/cscs-cl/cl-testing/webhook-cl/mirr 11 [FALL] (12/28) WEINUFCHM / ddfiden/mugpu/store_default //HEID@FMP_8063dact' 12 [FALL] (12/28) WEINUFCHM / ddfiden/mugpu/store_default //HEID@FMP_80673dact' 13 [FALL] (12/28) WEINUFCHM / ddfiden/mugpu/store_default //HEID@FMP_80673dact' 14 [Tarriden / 14</pre>	158	[0K] (9/28) UENV_NvidiaDeviceCount /fb5e8cb7 @clariden:nvgpu+store_default	
<pre>100 [000] (11/28) UEW_CuddSamples %ample=simpleCUBLAS /a0957959 @clariden:nvgpu+store_default 101 [000] (12/28) UEW_CuddSamples %ample=adviceQuery /6fedd095 @clariden:nvgpu+store_default 102 [000] (13/28) UEW_CuddSamples %ample=adviceQuery /6fedd095 @clariden:nvgpu+store_default 103 [FAIL] (14/28) UEW_CuddSamples %ample=adviceQuery /6fedd095 @clariden:nvgpu+store_default 104 ==> test failed during 'sanity': test staged in '/iopsstor/scratch/cscs/jenkssl/gitlab-runner/builds/f_Gtds4z/0/cscs-ci/ci-testing/webhook-ci/mirr 0076/551234120955960/144039897047560/0652925692/stage/clariden/nvgpu/store_default 105 ==> test failed during 'sanity': test staged in '/iopsstor/scratch/cscs/jenkssl/gitlab-runner/builds/f_Gtds4z/0/cscs-ci/ci-testing/webhook-ci/mirr 0076/551234120955960/144039897047560/0652925692/stage/clariden/nvgpu/store_default 105 ==> test failed during 'sanity': test staged in '/iopsstor/scratch/cscs/jenkssl/gitlab-runner/builds/f_Gtds4z/0/cscs-ci/ci-testing/webhook-ci/mirr 0076/551234120955960/144039897047560/0652925692/stage/clariden/nvgpu/store_default 106 ==> test failed during 'sanity': test staged in '/iopsstor/scratch/cscs/jenkssl/gitlab-runner/builds/f_Gtds4z/0/cscs-ci/ci-testing/webhook-ci/mirr 0076/551234120955960/144039897047560/0652925692/stage/clariden/nvgpu/store_default 106 ==> test failed during 'sanity': test staged in '/iopsstor/scratch/cscs/jenkssl/gitlab-runner/builds/f_Gtds4z/0/cscs-ci/ci-testing/webhook-ci/mirr 0076/51234120955960/144039897047560/652925692/stage/clariden/nvgpu/store_default 107 ==> test failed during 'sanity': test staged in '/iopsstor/scratch/cscs/jenkssl/gitlab-runner/builds/f_Gtds4z/0/cscs-ci/ci-testing/webhook-ci/mirr 0076/51234120955960/144039897047560/652925692/stage/clariden/nvgpu/store_default 107 ==> test failed during 'sanity': test staged in '/iopsstor/scratch/cscs/jenkssl/gitlab-runner/builds/f_Gtds4z/0/cscs-ci/ci-testing/webhook-ci/mirr 0075/51234120955960/144039897047560/652925692/stage/clariden/nvgpu/store_default/Hetl0WorldTestHPI0penHP_At6</pre>	159	[0K] (10/28) UENV_CudaSamples %sample=conjugateGradientCudaGraphs /288cbcb8 @clariden:nvgpu+store_default	
<pre>161 [0] [12/28] UENN_CUddSamples %sample=bandWithTest /76dd2eSg @clariden:nvgpu+store_default 162 [0K] [13/28] UENN_CUddSamples %sample=deviceQuery /ófeddc95 @clariden:nvgpu+store_default 164 ==> test failed during 'sanity': test staged in '/iopsstor/scratch/cscs/jenkssl/gitlab-runner/builds/f_6tds42/0/cscs-ci/ci-testing/webhook-ci/mirr 07551234120955960/1440598897047560/6052925692/stage/clariden/nvgpu/store_default 166 [FAIL] (15/28] MplInitest /13bccdef @clariden:nvgpu+store_default 167 [FAIL] (15/28] MplInitest /13bccdef @clariden:nvgpu+store_default/MplInitTest' 168 [FAIL] (15/28] MplInitest /13bccdef @clariden/nvgpu/store_default/MplInitTest' 169 [FAIL] (16/28] Hell@MorldTestMPIOpenMP %linking=dynamic %lang=F90 /0903dadc @clariden:nvgpu+store_default 168 ==> test failed during 'sanity': test staged in '/iopsstor/scratch/cscs/jenkssl/gitlab-runner/builds/f_6tds4z/0/cscs-ci/ci-testing/webhook-ci/mirr 075/51234120955960/1440398897047560/6052925692/stage/clariden/nvgpu/store_default/MplInitTest' 167 [FAIL] (16/28] Hell@WorldTestMPIOpenMP %linking=dynamic %lang=F90 /0903dadc @clariden:nvgpu+store_default 178 ==> test failed during 'sanity': test staged in '/iopsstor/scratch/cscs/jenkssl/gitlab-runner/builds/f_6tds4z/0/cscs-ci/ci-testing/webhook-ci/mirr 075/51234120955960/1440398897047560/6052925692/stage/clariden/nvgpu/store_default/Hell@WorldTestMPIOpenMP %linking=dynamic %lang=cpp /4cf0990 @clariden:nvgpu+store_default 179 ==> test failed during 'sanity': test staged in '/iopsstor/scratch/cscs/jenkssl/gitlab-runner/builds/f_6tds4z/0/cscs-ci/ci-testing/webhook-ci/mirr 075/51234120955960/1440398897047560/605292592/stage/clariden/nvgpu/store_default/Hell@WorldTestMPIOpenMP %linking=dynamic %lang=cepp /4cf0990 @clariden:nvgpu+store_default 170 ==> test failed during 'sanity': test staged in '/iopsstor/scratch/cscs/jenkssl/gitlab-runner/builds/f_6tds4z/0/cscs-ci/ci-testing/webhook-ci/mirr 075/51234120955960/1440398897047560/605292592/stage/clariden/nvgpu/store_default/Hell@WorldTestMPIOpenMP %l</pre>	160	[0K] (11/28) UENV_CUdaSamples %sample=simpleCUBLAS /a095f959 @clariden:nvgpu+store_default	
<pre>162 [00k] (13/28) UENV_CUdaSamples Xsample=deviceQuery /6redoPSP @clariden:nvgpu+store_default 163 [FAIL] (14/28) UENV_LVMLCheck /4dfb557a @clariden:nvgpu+store_default 164 ==> test failed during 'sanity': test staged in '/iopsstor/scratch/cscs/jenkssl/gitlab-runner/builds/f_Gtds4z/0/cscs-ci/ci-testing/webhook-ci/mirr ors/551234120955960/1440398897047560/6052925692/stage/clariden/nvgpu/store_default/UENV_NVMLCheck' 165 [FAIL] (15/28) MplInitTest /13bc6cef @clariden:nvgpu+store_default 166 ==> test failed during 'sanity': test staged in '/iopsstor/scratch/cscs/jenkssl/gitlab-runner/builds/f_Gtds4z/0/cscs-ci/ci-testing/webhook-ci/mirr ors/551234120955960/1440398897047560/6052925692/stage/clariden/nvgpu/store_default/MplInitTest' 167 [FAIL] (16/28) HellWorldTestHPIOpenHP %linking=dynamic %lang=F90 /0903dddc @clariden:nvgpu+store_default 168 ==> test failed during 'sanity': test staged in '/iopsstor/scratch/cscs/jenkssl/gitlab-runner/builds/f_Gtds4z/0/cscs-ci/ci-testing/webhook-ci/mirr ors/551234120955960/1440398897047560/6052925692/stage/clariden/nvgpu/store_default/HellOWorldTestHPIOpenHP_0903dadc' 169 [FAIL] (17/28) HellWorldTestHPIOpenHP %linking=dynamic %lang=cpp /6cf69967 @clariden:nvgpu+store_default 170 ==> test failed during 'sanity': test staged in '/iopsstor/scratch/cscs/jenkssl/gitlab-runner/builds/f_Gtds4z/0/cscs-ci/ci-testing/webhook-ci/mirr ors/551234120955960/1440398897047506/0652925692/stage/clariden/nvgpu/store_default 170 ==> test failed during 'sanity': test staged in '/iopsstor/scratch/cscs/jenkssl/gitlab-runner/builds/f_Gtds4z/0/cscs-ci/ci-testing/webhook-ci/mirr ors/551234120955960/1440398897047506/0652925692/stage/clariden/nvgpu/store_default 171 [FAIL] (18/28) HellOWorldTestHPIOpenMP %linking=dynamic %lang=c /480d764c @clariden:nvgpu+store_default 172 ==> test failed during 'sanity': test staged in '/iopsstor/scratch/cscs/jenkssl/gitlab-runner/builds/f_Gtds4z/0/cscs-ci/ci-testing/webhook-ci/mirr ors/551234120955960/1440398897047506/05292592/stage/clariden/nvgpu/store_defaul</pre>	161	[0K] (12/28) UENV_CUdaSamples %sample=bandwidthTest //6d402e3 @clariden:nvgpu+store_default	
<pre>163 [FAIL] (14/28) UEN_UNMLCheck /4dfbSS7a @clariden:nvgpu-store_default 164 ==> test failed during 'sanity': test staged in '/iopsstor/scratch/cscs/jenkssl/gitlab-runner/builds/f_6tds4z/0/cscs-ci/ci-testing/webhook-ci/mirr ors/S51234120955960/1440398897047560/6052925692/stage/clariden/nvgpu/store_default 165 [FAIL] (15/28) MpiInitTest /13bcdcef @clariden:nvgpu+store_default 166 ==> test failed during 'sanity': test staged in '/iopsstor/scratch/cscs/jenkssl/gitlab-runner/builds/f_6tds4z/0/cscs-ci/ci-testing/webhook-ci/mirr ors/S51234120955960/1440398897047560/6052925692/stage/clariden/nvgpu/store_default/MpiInitTest' 167 [FAIL] (16/28) HelloWorldTestMPIOpenPM %linking=dynamic %lang=F90 /0903dadc @clariden:nvgpu+store_default 168 ==> test failed during 'sanity': test staged in '/iopsstor/scratch/cscs/jenkssl/gitlab-runner/builds/f_6tds4z/0/cscs-ci/ci-testing/webhook-ci/mirr ors/S51234120955960/1440398897047560/6052925692/stage/clariden/nvgpu/store_default/HelloWorldTestMPIOpenPM_903dadc' 169 [FAIL] (17/28) HelloWorldTestMPIOpenPM %linking=dynamic %lang=cpp /4cf69907 @clariden:nvgpu+store_default 170 ==> test failed during 'sanity': test staged in '/iopsstor/scratch/cscs/jenkssl/gitlab-runner/builds/f_6tds4z/0/cscs-ci/ci-testing/webhook-ci/mirr ors/S51234120955960/1446398897047560/6052925692/stage/clariden/nvgpu/store_default/HelloWorldTestMPIOpenMP_4cf69907' 171 [FAIL] (17/28) HelloWorldTestMPIOpenMP %linking=dynamic %lang=c /486d766c @clariden:nvgpu+store_default 172 ==> test failed during 'sanity': test staged in '/iopsstor/scratch/cscs/jenkssl/gitlab-runner/builds/f_6tds4z/0/cscs-ci/ci-testing/webhook-ci/mirr ors/S51234120955960/1446398897047560/6052925692/stage/clariden/nvgpu/store_default/HelloWorldTestMPIOpenMP_4cf69907' 171 [FAIL] (18/28) HelloWorldTestMPIOpenMP %linking=dynamic %lang=c /486d766c @clariden:nvgpu+store_default 172 ==> test failed during 'sanity': test staged in '/iopsstor/scratch/cscs/jenkssl/gitlab-runner/builds/f_6tds4z/0/cscs-ci/ci-testing/webhook-ci/mirr ors/S512341209</pre>	162	[0K] (13/28) UENV_CUdaSamples %sample=deviceQuery /ofedoc95 @clariden:nvgpu+store_default	
<pre>164 ==> test failed during 'sanity': test staged in '/iopsstor/scratch/cscs/jenkssl/gitlab-runner/builds/f_6tds4z/0/cscs-ci/ci-testing/webhook-ci/mirr ors/551234120955960/1440398897047560/6052925692/stage/clariden/nvgpu/store_default/ 165 [FAIL] (15/28) MplinitTest /13bc6cef @clariden:nvgpu-store_default 166 ==> test failed during 'sanity': test staged in '/iopsstor/scratch/cscs/jenkssl/gitlab-runner/builds/f_6tds4z/0/cscs-ci/ci-testing/webhook-ci/mirr ors/551234120955960/1440398897047560/6052925692/stage/clariden/nvgpu/store_default/MplinitTest' 167 [FAIL] (16/28) HelloWorldTestMPIOpenMP %Linking=dynamic %Lang=F90 /0903dadc @clariden:nvgpu+store_default 168 ==> test failed during 'sanity': test staged in '/iopsstor/scratch/cscs/jenkssl/gitlab-runner/builds/f_6tds4z/0/cscs-ci/ci-testing/webhook-ci/mirr ors/551234120955960/1440398897047560/6052925692/stage/clariden/nvgpu/store_default/HelloWorldTestMPIOpenMP_0803dadc' 169 [FAIL] (17/28) HelloWorldTestMPIOpenMP %Linking=dynamic %Lang=cpp /4cf69907 @clariden:nvgpu+store_default 170 ==> test failed during 'sanity': test staged in '/iopsstor/scratch/cscs/jenkssl/gitlab-runner/builds/f_6tds4z/0/cscs-ci/ci-testing/webhook-ci/mirr ors/551234120955960/1440398897047560/6052925692/stage/clariden/nvgpu/store_default/HelloWorldTestMPIOpenMP_acf69907' 171 [FAIL] (18/28) HelloWorldTestMPIOpenMP %Linking=dynamic %Lang=cr /4d60764c @clariden:nvgpu+store_default 172 ==> test failed during 'sanity': test staged in '/iopsstor/scratch/cscs/jenkssl/gitlab-runner/builds/f_6tds4z/0/cscs-ci/ci-testing/webhook-ci/mirr ors/551234120955960/1440398897047560/6052925692/stage/clariden/nvgpu/store_default/HelloWorldTestMPIOpenMP_acf69907' 171 [FAIL] (19/28) HelloWorldTestMPIOpenMP %Linking=dynamic %Lang=c / 4d60764c @clariden:nvgpu+store_default 172 ==> test failed during 'sanity': test staged in '/iopsstor/scratch/cscs/jenkssl/gitlab-runner/builds/f_6tds4z/0/cscs-ci/ci-testing/webhook-ci/mirr ors/551234120955960/1440398897047560/6052925692/stage/clariden/nvgpu/store_default/He</pre>	163	[FAIL] (14/28) UENV_NVMLCheck /4dfb557a @clariden:nvgpu+store_default	
<pre>165 [FAIL] (15/28) MpiInitTest /13bc6cef @clariden:nvgpu+store_default 166 ==> test failed during 'sanity': test staged in '/iopsstor/scratch/cscs/jenkssl/gitlab-runner/builds/f_6tds4z/0/cscs-ci/ci-testing/webhook-ci/mirr ors/551234120955960/1440398897047560/6052925692/stage/clariden/nvgpu/store_default/MpiInitTest' 167 [FAIL] (16/28) HelloWorldTestMPIOpenMP %linking=dynamic %lang=F90 /0903dadc @clariden:nvgpu+store_default 168 ==> test failed during 'sanity': test staged in '/iopsstor/scratch/cscs/jenkssl/gitlab-runner/builds/f_6tds4z/0/cscs-ci/ci-testing/webhook-ci/mirr ors/551234120955960/1440398897047560/6052925692/stage/clariden/nvgpu/store_default/HelloWorldTestMPIOpenMP_0903dadc' 169 [FAIL] (17/28) HelloWorldTestMPIOpenMP %linking=dynamic %lang=cpp /4cf69907 @clariden:nvgpu+store_default 170 ==> test failed during 'sanity': test staged in '/iopsstor/scratch/cscs/jenkssl/gitlab-runner/builds/f_6tds4z/0/cscs-ci/ci-testing/webhook-ci/mirr ors/551234120955960/1440398897047560/6052925692/stage/clariden/nvgpu/store_default/HelloWorldTestMPIOpenMP_4cf69907' 171 [FAIL] (18/28) HelloWorldTestMPIOpenMP %linking=dynamic %lang=c /486d764c @clariden:nvgpu+store_default 172 ==> test failed during 'sanity': test staged in '/iopsstor/scratch/cscs/jenkssl/gitlab-runner/builds/f_6tds4z/0/cscs-ci/ci-testing/webhook-ci/mirr ors/551234120955960/1440398897047560/6052925692/stage/clariden/nvgpu/store_defaultHelloWorldTestMPIOpenMP_4cf69907' 171 [FAIL] (18/28) HelloWorldTestMPIOpenMP %linking=dynamic %lang=c /486d764c @clariden:nvgpu+store_default 172 ==> test failed during 'sanity': test staged in '/iopsstor/scratch/cscs/jenkssl/gitlab-runner/builds/f_6tds4z/0/cscs-ci/ci-testing/webhook-ci/mirr ors/551234120955960/1440398897047560/6052925692/stage/clariden/nvgpu/store_defaultHelloWorldTestMPIOpenMP_486d764c' 173 [FAIL] (19/28) HelloWorldTestMPI %linking=dynamic %lang=F90 /17d00b3c @clariden:nvgpu+store_default 174 ==> test failed during 'sanity': test staged in '/iopsstor/scratch/cscs/jenkssl/gitlab-runner/bui</pre>	164	<pre>=>> test failed during 'sanity': test staged in '/iopsstor/scratch/cscs/jenkssl/gitlab-runner/builds/f_Gtds4z/0/cscs-c1/ci-testing/webhook-c1/mirr ors/551234120955960/1440398897047560/6052925692/stage/clariden/nvgpu/store_default/UENV_NVMLCheck'</pre>	
<pre>166 ==> test failed during 'sanity': test staged in '/iopsstor/scratch/cscs/jenkssl/gitlab-runner/builds/f_6tds4z/0/cscs-ci/ci-testing/webhook-ci/mirr ors/551234120955960/1440398897047560/6052925692/stage/clariden/nvgpu/store_default/MplInitTest' 167 [FAIL] (16/28) HelloWorldTestMPIOpenMP %linking=dynamic %lang=F90 /0903dadc @clariden:nvgpu+store_default 168 ==> test failed during 'sanity': test staged in '/iopsstor/scratch/cscs/jenkssl/gitlab-runner/builds/f_6tds4z/0/cscs-ci/ci-testing/webhook-ci/mirr ors/551234120955960/1440398897047560/6052925692/stage/clariden/nvgpu/store_default/HelloWorldTestMPIOpenMP_0903dadc' 169 [FAIL] (17/28) HelloWorldTestMPIOpenMP %linking=dynamic %lang=cpp /4cf69907 @clariden:nvgpu+store_default 170 ==> test failed during 'sanity': test staged in '/iopsstor/scratch/cscs/jenkssl/gitlab-runner/builds/f_6tds4z/0/cscs-ci/ci-testing/webhook-ci/mirr ors/551234120955960/1440398897047560/6052925692/stage/clariden/nvgpu/store_default/HelloWorldTestMPIOpenMP_4cf69907' 171 [FAIL] (18/28) HelloWorldTestMPIOpenMP %linking=dynamic %lang=c / 486d764c @clariden:nvgpu+store_default 172 ==> test failed during 'sanity': test staged in '/iopsstor/scratch/cscs/jenkssl/gitlab-runner/builds/f_6tds4z/0/cscs-ci/ci-testing/webhook-ci/mirr ors/551234120955960/1440398897047560/6052925692/stage/clariden/nvgpu/store_default/HelloWorldTestMPIOpenMP_4cf69907' 171 [FAIL] (18/28) HelloWorldTestMPIOpenMP %linking=dynamic %lang=c / 486d764c @clariden:nvgpu+store_default 172 ==> test failed during 'sanity': test staged in '/iopsstor/scratch/cscs/jenkssl/gitlab-runner/builds/f_6tds4z/0/cscs-ci/ci-testing/webhook-ci/mirr ors/551234120955960/1440398897047560/6052925692/stage/clariden/nvgpu/store_default/HelloWorldTestMPIOpenMP_486d764c' 173 [FAIL] (19/28) HelloWorldTestMPI %linking=dynamic %lang=F90 /17d00b3c @clariden:nvgpu+store_default 174 ==> test failed during 'sanity': test staged in '/iopsstor/scratch/cscs/jenkssl/gitlab-runner/builds/f_6tds4z/0/cscs-ci/ci-testing/webhook-ci/mirr</pre>		[FAIL] (15/28) MpiInitTest /13bc6cef @clariden:nvgpu+store_default	
<pre>167 [FAIL] (16/28) HelloWorldTestMPIOpenMP %linking=dynamic %lang=F90 /0903dadc @clariden:nvgpu+store_default 168 ==> test failed during 'sanity': test staged in '/iopsstor/scratch/cscs/jenkssl/gitlab-runner/builds/f_Gtds4z/0/cscs-ci/ci-testing/webhook-ci/mirr ors/551234120955960/1440398897047560/6052925692/stage/clariden/nvgpu/store_default/HelloWorldTestMPIOpenMP_0903dadc' 169 [FAIL] (17/28) HelloWorldTestMPIOpenMP %linking=dynamic %lang=cpp /4cf69907 @clariden:nvgpu+store_default 170 ==> test failed during 'sanity': test staged in '/iopsstor/scratch/cscs/jenkssl/gitlab-runner/builds/f_Gtds4z/0/cscs-ci/ci-testing/webhook-ci/mirr ors/551234120955960/1440398897047560/6052925692/stage/clariden/nvgpu/store_default/HelloWorldTestMPIOpenMP_4cf69907' 171 [FAIL] (18/28) HelloWorldTestMPIOpenMP %linking=dynamic %lang=c /486d764c @clariden:nvgpu+store_default 172 ==> test failed during 'sanity': test staged in '/iopsstor/scratch/cscs/jenkssl/gitlab-runner/builds/f_Gtds4z/0/cscs-ci/ci-testing/webhook-ci/mirr ors/551234120955960/1440398897047560/6052925692/stage/clariden/nvgpu/store_default/HelloWorldTestMPIOpenMP_4cf69907' 173 [FAIL] (18/28) HelloWorldTestMPIOpenMP %linking=dynamic %lang=c /486d764c @clariden:nvgpu+store_default 174 ==> test failed during 'sanity': test staged in '/iopsstor/scratch/cscs/jenkssl/gitlab-runner/builds/f_Gtds4z/0/cscs-ci/ci-testing/webhook-ci/mirr ors/551234120955960/1440398897047560/6052925692/stage/clariden/nvgpu/store_default/HelloWorldTestMPIOpenMP_486d764c' 175 [FAIL] (19/28) HelloWorldTestMPI %linking=dynamic %lang=F90 /17d00b3c @clariden:nvgpu+store_default 174 ==> test failed during 'sanity': test staged in '/iopsstor/scratch/cscs/jenkssl/gitlab-runner/builds/f_Gtds4z/0/cscs-ci/ci-testing/webhook-ci/mirr</pre>		==> test failed during 'sanity': test staged in '/iopsstor/scratch/cscs/jenkssl/gitlab-runner/builds/f_Gtds4z/0/cscs-ci/ci-testing/webhook-ci/mirr ors/551234120955960/1440398897047560/6052925692/stage/clariden/nvgpu/store_default/MpiInitTest'	
<pre>168 ==> test failed during 'sanity': test staged in '/iopsstor/scratch/cscs/jenkssl/gitlab-runner/builds/f_6tds4z/0/cscs-ci/ci-testing/webhook-ci/mirr ors/551234120955960/1440398897047560/6052925692/stage/clariden/nvgpu/store_default/HelloWorldTestMPIOpenMP_0903dadc' 169 [FAIL] (17/28) HelloWorldTestMPIOpenMP %linking=dynamic %lang=cpp /4cf69907 @clariden:nvgpu+store_default 170 ==> test failed during 'sanity': test staged in '/iopsstor/scratch/cscs/jenkssl/gitlab-runner/builds/f_6tds4z/0/cscs-ci/ci-testing/webhook-ci/mirr ors/551234120955960/1440398897047560/6052925692/stage/clariden/nvgpu/store_default/HelloWorldTestMPIOpenMP_4cf69907' 171 [FAIL] (18/28) HelloWorldTestMPIOpenMP %linking=dynamic %lang=c /486d764c @clariden:nvgpu+store_default 172 ==> test failed during 'sanity': test staged in '/iopsstor/scratch/cscs/jenkssl/gitlab-runner/builds/f_6tds4z/0/cscs-ci/ci-testing/webhook-ci/mirr ors/551234120955960/1440398897047560/6052925692/stage/clariden/nvgpu/store_default/HelloWorldTestMPIOpenMP %linking=dynamic %lang=c /486d764c @clariden:nvgpu+store_default 172 ==> test failed during 'sanity': test staged in '/iopsstor/scratch/cscs/jenkssl/gitlab-runner/builds/f_6tds4z/0/cscs-ci/ci-testing/webhook-ci/mirr ors/551234120955960/1440398897047560/6052925692/stage/clariden/nvgpu/store_default/HelloWorldTestMPIOpenMP_486d764c' 173 [FAIL] (19/28) HelloWorldTestMPI %linking=dynamic %lang=F90 /17d00b3c @clariden:nvgpu+store_default 174 ==> test failed during 'sanity': test staged in '/iopsstor/scratch/cscs/jenkssl/gitlab-runner/builds/f_6tds4z/0/cscs-ci/ci-testing/webhook-ci/mirr 0 failed during 'sanity': test staged in '/iopsstor/scratch/cscs/jenkssl/gitlab-runner/builds/f_6tds4z/0/cscs-ci/ci-testing/webhook-ci/mirr</pre>		[FAIL] (16/28) HelloWorldTestMPIOpenMP %linking=dynamic %lang=F90 /0903dadc @clariden:nvgpu+store_default	
<pre>169 [FAIL] (17/28) HelloWorldTestMPIOpenMP %linking=dynamic %Lang=cpp /4cf69990 @clariden:nvgpu+store_default 170 ==> test failed during 'sanity': test staged in '/iopsstor/scratch/cscs/jenkssl/gitlab-runner/builds/f_Gtds4z/0/cscs-ci/ci-testing/webhook-ci/mirr ors/551234120955960/1440398897047560/6052925692/stage/clariden/nvgpu/store_default/HelloWorldTestMPIOpenMP_4cf69907' 171 [FAIL] (18/28) HelloWorldTestMPIOpenMP %linking=dynamic %Lang=c /486d764c @clariden:nvgpu+store_default 172 ==> test failed during 'sanity': test staged in '/iopsstor/scratch/cscs/jenkssl/gitlab-runner/builds/f_Gtds4z/0/cscs-ci/ci-testing/webhook-ci/mirr ors/551234120955960/1440398897047560/6052925692/stage/clariden/nvgpu/store_default/HelloWorldTestMPIOpenMP_4k6d764c' 172 ==> test failed during 'sanity': test staged in '/iopsstor/scratch/cscs/jenkssl/gitlab-runner/builds/f_Gtds4z/0/cscs-ci/ci-testing/webhook-ci/mirr ors/551234120955960/1440398897047560/6052925692/stage/clariden/nvgpu/store_default/HelloWorldTestMPIOpenMP_486d764c' 173 [FAIL] (19/28) HelloWorldTestMPI %linking=dynamic %Lang=F90 /17d0003c @clariden:nvgpu+store_default 174 ==> test failed during 'sanity': test staged in '/iopsstor/scratch/cscs/jenkssl/gitlab-runner/builds/f_Gtds4z/0/cscs-ci/ci-testing/webhook-ci/mirr 174 ==> test failed during 'sanity': test staged in '/iopsstor/scratch/cscs/jenkssl/gitlab-runner/builds/f_Gtds4z/0/cscs-ci/ci-testing/webhook-ci/mirr 174 ==> test failed during 'sanity': test staged in '/iopsstor/scratch/cscs/jenkssl/gitlab-runner/builds/f_Gtds4z/0/cscs-ci/ci-testing/webhook-ci/mirr</pre>		==> test failed during 'sanity': test staged in '/iopsstor/scratch/cscs/jenkssl/gitlab-runner/builds/f_6tds4z/0/cscs-ci/ci-testing/webhook-ci/mirr ors/551234120955960/1440398897047560/6052925692/stage/clariden/nygpu/store_default/HelloWorldTestMPIOpenMP_0903dadc'	
<pre>170 ==> test failed during 'sanity': test staged in '/iopsstor/scratch/cscs/jenkssl/gitlab-runner/builds/f_Gtds4z/0/cscs-ci/ci-testing/webhook-ci/mirr ors/551234120955960/1440398897047560/6052925692/stage/clariden/nvgpu/store_default/HelloWorldTestMPIOpenMP_4cf69907' 171 [FAIL] (18/28) HelloWorldTestMPIOpenMP %linking=dynamic %lang=c /486d764c @clariden:nvgpu+store_default 172 ==> test failed during 'sanity': test staged in '/iopsstor/scratch/cscs/jenkssl/gitlab-runner/builds/f_Gtds4z/0/cscs-ci/ci-testing/webhook-ci/mirr ors/551234120955960/1440398897047560/6052925692/stage/clariden/nvgpu/store_default/HelloWorldTestMPIOpenMP_4k6d764c' 173 [FAIL] (19/28) HelloWorldTestMPI %linking=dynamic %lang=F90 /17d00b3c @clariden:nvgpu+store_default 174 ==> test failed during 'sanity': test staged in '/iopsstor/scratch/cscs/jenkssl/gitlab-runner/builds/f_Gtds4z/0/cscs-ci/ci-testing/webhook-ci/mirr 175 [FAIL] (19/28) HelloWorldTestMPI %linking=dynamic %lang=F90 /17d00b3c @clariden:nvgpu+store_default 176 ==> test failed during 'sanity': test staged in '/iopsstor/scratch/cscs/jenkssl/gitlab-runner/builds/f_Gtds4z/0/cscs-ci/ci-testing/webhook-ci/mirr 174 ==> test failed during 'sanity': test staged in '/iopsstor/scratch/cscs/jenkssl/gitlab-runner/builds/f_Gtds4z/0/cscs-ci/ci-testing/webhook-ci/mirr 177 => test failed during 'sanity': test staged in '/iopsstor/scratch/cscs/jenkssl/gitlab-runner/builds/f_Gtds4z/0/cscs-ci/ci-testing/webhook-ci/mirr 176 ==> test failed during 'sanity': test staged in '/iopsstor/scratch/cscs/jenkssl/gitlab-runner/builds/f_Gtds4z/0/cscs-ci/ci-testing/webhook-ci/mirr 176 ==> test failed during 'sanity': test staged in '/iopsstor/scratch/cscs/jenkssl/gitlab-runner/builds/f_Gtds4z/0/cscs-ci/ci-testing/webhook-ci/mirr 177 => test failed during 'sanity': test staged in '/iopsstor/scratch/cscs/jenkssl/gitlab-runner/builds/f_Gtds4z/0/cscs-ci/ci-testing/webhook-ci/mirr 177 => test failed during 'sanity': test staged in '/iopsstor/scratch/cscs/jenkssl/gitlab-runner/builds/f_Gtds4z/0/cscs-ci/ci-te</pre>	169	FAIL (17/28) HelloWorldTestMPIOpenMP %linking=dynamic %lang=cpp /4cf69907 @clariden:nyopu+store default	
<pre>ors/551234120955960/1440398897047560/6052925692/stage/clariden/nvgpu/store_default/HelloWorldTestMPIOpenMP_4cf69907' 171 [FAIL] (18/28) HelloWorldTestMPIOpenMP %Linking=dynamic %Lang=c /486d764c @clariden:nvgpu+store_default 172 ==> test failed during 'sanity': test staged in '/iopsstor/scratch/cscs/jenkssl/gitlab-runner/builds/f_6tds4z/0/cscs-ci/ci-testing/webhook-ci/mirr ors/551234120955960/1440398897047560/6052925692/stage/clariden/nvgpu/store_default/HelloWorldTestMPIOpenMP_486d764c' 173 [FAIL] (19/28) HelloWorldTestMPI %Linking=dynamic %Lang=F90 /17d00b3c @clariden:nvgpu+store_default 174 ==> test failed during 'sanity': test staged in '/iopsstor/scratch/cscs/jenkssl/gitlab-runner/builds/f_6tds4z/0/cscs-ci/ci-testing/webhook-ci/mirr 0</pre>	170	==> test failed during 'sanity': test staged in '/iopsstor/scratch/cscs/ienkssl/gitlab-runner/builds/f 6tds4z/0/cscs-ci/ci-testing/webhook-ci/mirr	
<pre>171 [FAIL] (18/28) HelloWorldTestMPIOpenMP %linking=dynamic %lang=c /486d764c @clariden:nvgpu+store_default 172 ==> test failed during 'sanity': test staged in '/iopsstor/scratch/cscs/jenkssl/gitlab-runner/builds/f_6tds4z/0/cscs-ci/ci-testing/webhook-ci/mirr ors/551234120955960/1440398897047560/6052925692/stage/clariden/nvgpu/store_default/HelloWorldTestMPIOpenMP_486d764c' 173 [FAIL] (19/28) HelloWorldTestMPI %linking=dynamic %lang=F90 /17d00b3c @clariden:nvgpu+store_default 174 ==> test failed during 'sanity': test staged in '/iopsstor/scratch/cscs/jenkssl/gitlab-runner/builds/f_6tds4z/0/cscs-ci/ci-testing/webhook-ci/mirr 074 ==> test failed during 'sanity': test staged in '/iopsstor/scratch/cscs/jenkssl/gitlab-runner/builds/f_6tds4z/0/cscs-ci/ci-testing/webhook-ci/mirr 174 ==> test failed during 'sanity': test staged in '/iopsstor/scratch/cscs/jenkssl/gitlab-runner/builds/f_6tds4z/0/cscs-ci/ci-testing/webhook-ci/mirr</pre>		ors/551234120955960/1440398897047560/6052925692/stage/clariden/nvgpu/store_default/HelloWorldTestMPI0penMP_4cf69907'	
<pre>172 ==> test failed during 'sanity': test staged in '/iopsstor/scratch/cscs/jenkssl/gitlab-runner/builds/f_Gtds4z/0/cscs-ci/ci-testing/webhook-ci/mirr ors/551234120955960/1440398897047560/6052925692/stage/clariden/nvgpu/store_default/HelloWorldTestMPIOpenMP_486d764c' 173 [FAIL] (19/28) HelloWorldTestMPI %Linking=dynamic %Lang=F90 /17d00b3c @clariden:nvgpu+store_default 174 ==> test failed during 'sanity': test staged in '/iopsstor/scratch/cscs/jenkssl/gitlab-runner/builds/f_Gtds4z/0/cscs-ci/ci-testing/webhook-ci/mirr</pre>	171	[FAIL] (18/28) HelloWorldTestMPIOpenMP %linking=dynamic %lang=c /486d764c @clariden:nvgpu+store_default	
ors/551234120955960/1440398897047560/6052925692/stage/clariden/nvgpu/store_default/HelloWorldTestMPIOpenMP_486d764c' 173 [FAIL] (19/28) HelloWorldTestMPI %linking=dynamic %lang=F90 /17d00b3c @clariden:nvgpu+store_default 174 ==> test failed during 'sanity': test staged in '/iopsstor/scratch/cscs/jenkssl/gitlab-runner/builds/f_6tds4z/0/cscs-ci/ci-testing/webhook-ci/mirr	172	==> test failed during 'sanity': test staged in '/iopsstor/scratch/cscs/jenkssl/gitlab-runner/builds/f_Gtds4z/0/cscs-ci/ci-testing/webhook-ci/mirr	
173 [FAIL] (19/28) HelloWorldTestMPI %linking=dynamic %lang=F90 /17d00b3c @clariden:nvgpu+store_default 174 ==> test failed during 'sanity': test staged in '/iopsstor/scratch/cscs/jenkssl/gitlab-runner/builds/f_Gtds4z/0/cscs-ci/ci-testing/webhook-ci/mirr		ors/551234120955960/1440398897047560/6052925692/stage/clariden/nvgpu/store_default/HelloWorldTestMPIOpenMP_486d764c'	
174 ==> test failed during 'sanity': test staged in '/iopsstor/scratch/cscs/jenkssl/gitlab-runner/builds/f_6tds4z/0/cscs-ci/ci-testing/webhook-ci/mirr	173	[FAIL] (19/28) HelloWorldTestMPI %linking=dynamic %lang=F90 /17d00b3c @clariden:nvgpu+store_default	
	174	==> test failed during 'sanity': test staged in '/iopsstor/scratch/cscs/jenkssl/gitlab-runner/builds/f_Gtds4z/0/cscs-ci/ci-testing/webhook-ci/mirr	

ETH zürich









Thank you for your attention. Slides inspired by presentations by Ben Cumming and Theofilos Manitaras





- Leverage oras (OCI registry as storage), to push squashfs image to JFrog
- Metadata is attached to the same OCI object
- Metadata describes software that is supposed to be inside uenv
- Naming scheme in staging area is unique, i.e. every built is kept, and can be reproducibly tested again
- Allows early-access users to test potential bugfixes without the need of deploying it



Push to OCI registry (staging area, unique naming scheme)

