

MODERNIZING UNIFIED: RESUBMISSIONS & ASSIGNMENT OF WORKFLOWS

SUMMER FELLOWSHIP REPORT

IRIS-HEP SUMMER FELLOWSHIP

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TABLE OF CONTEXT

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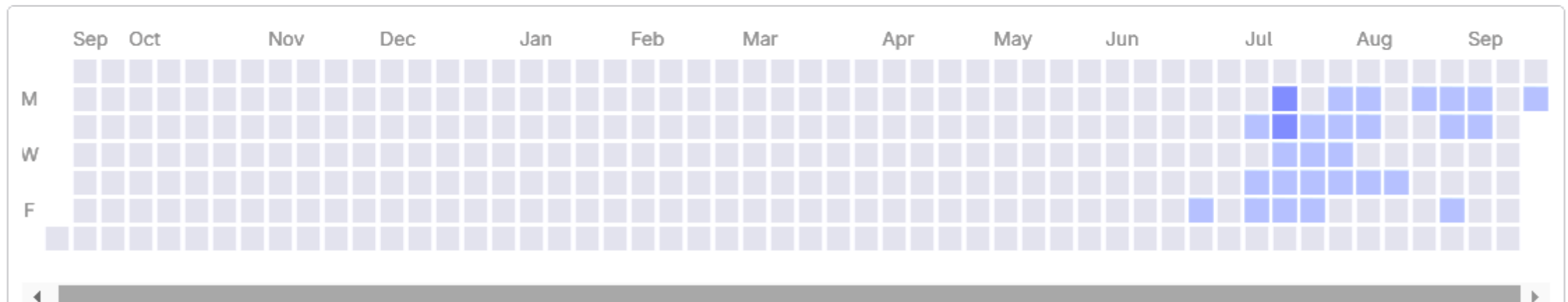
GITLAB ACTIVITY



Volodymyr Kovalenko
@vokovale

Activity

[View all](#)



Version control actions rate

PROGRESS FLOW

Got familiar with the old repository

Migrated autoACDC script into the new repo


Migrated runner script into the new repo




Developed a convenient UI for the P&R's dashboard



Fix: self.options instead of options

Volodymyr Kovalenko authored 1 hour ago

 **Code owners** Assign users and groups as approvers for specific file changes. [Learn more.](#)

Name	Last commit
..	
 models	Add "task" prefix support for customization
 BatchACDCMaker.py	Fix: self.options instead of options
 ResubmissionWizard.py	Hotfix: ACDC logger

MIGRATED SCRIPTS ARE CLASSES NOW



CONTRIBUTION TO THE FRONTEND

```
exitCode_8001 ✕  
Customization JSON  
{ "exitCode_8001": { "include_sites": ["T1_IT_CNAF", "T1_RU_JINR"] } }
```

Customization by workflow

cmsunified_task_TOP-RunIISummer20UL18wmLHEGEN-00768_v1_T_240813_112551_3279

Smart Site Resolver

xrootd splitting memory multicore

secondary

ADD SOLUTION

Customization by task

/cmsunified_task_TOP-RunIISummer20UL18wmLHEGEN-00768_v1_T_240813_112551_3279/TOP-RunIISummer20UL18wmLHEG00620_0MergeNANOEDMAODSIMoutput

Smart Site Resolver

xrootd splitting memory multicore

secondary

cmsunified_task_TOP-RunIISummer20UL18wmLHEGEN-00768_v1_T_240813_112551_3279

Smart Site Resolver

xrootd

splitting

memory

multicore

Splitting
100x

secondary

ADD SOLUTION

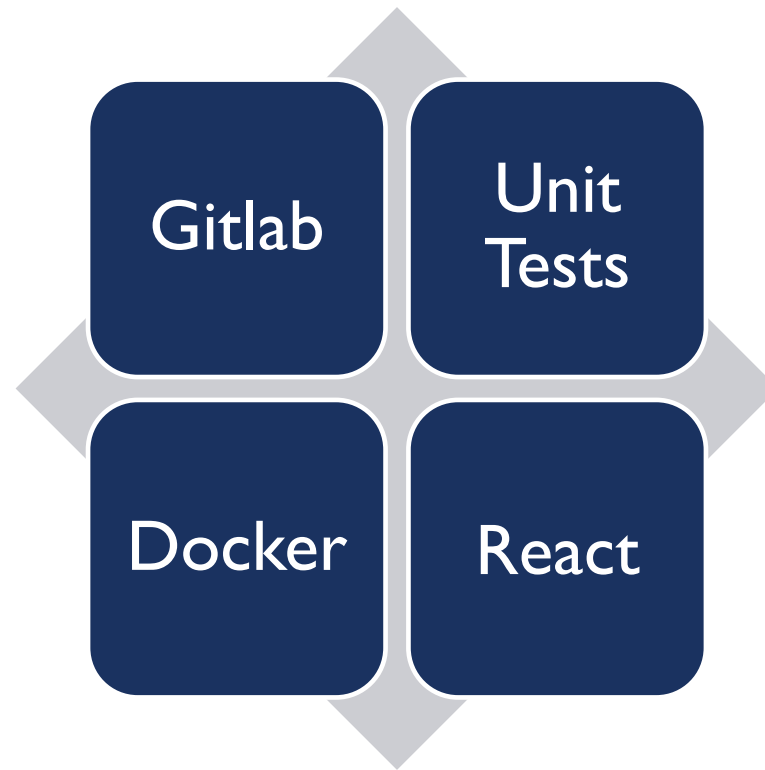
/cmsunified_task_TOP-RunIISummer20UL18wmLHEGEN-00768_v1_T_240813_112551_3279/TOP-RunIISummer20UL18wmLHEGEN-00768_0

Smart Site Resolver

- | | | | | | | | |
|--|--|---|--|---|---|-------------------------------------|--|
| <input type="checkbox"/> T0_CH_CERN | <input type="checkbox"/> T0_CH_CSCS_HPG | <input type="checkbox"/> T2_BR_SPRACE | <input type="checkbox"/> T2_BR_UERJ | <input type="checkbox"/> T2_GR_Ioannina | <input type="checkbox"/> T2_IN_TIFR | <input type="checkbox"/> T2_IT_Pisa | <input type="checkbox"/> T2_IT_Rome |
| <input type="checkbox"/> T2_LB_HPG4L | <input type="checkbox"/> T2_PK_NGP | <input type="checkbox"/> T2_PT_NCG_Lisbon | <input type="checkbox"/> T2_RU_ITEP | <input type="checkbox"/> T2_RU_JINR | <input type="checkbox"/> T2_TR_METU | <input type="checkbox"/> T2_TW_NGHC | <input type="checkbox"/> T2_UK_SGrid_Bristol |
| <input checked="" type="checkbox"/> T2_US_Nebraska | <input type="checkbox"/> T1_DE_KIT | <input type="checkbox"/> T1_ES_PIC | <input type="checkbox"/> T1_FR_CCIN2P3 | <input type="checkbox"/> T1_IT_CNAF | <input type="checkbox"/> T1_RU_JINR | <input type="checkbox"/> T1_UK_RAL | <input checked="" type="checkbox"/> T1_US_FNAL |
| <input type="checkbox"/> T2_AT_Vienna | <input checked="" type="checkbox"/> T2_BE_IIHE | <input type="checkbox"/> T2_BE_UCL | <input type="checkbox"/> T2_CH_CERN | <input type="checkbox"/> T2_CH_CERN_HLT | <input type="checkbox"/> T2_CH_CERN_P5 | <input type="checkbox"/> T2_CH_CSCS | <input type="checkbox"/> T2_CN_Beijing |
| <input type="checkbox"/> T2_DE_DESY | <input checked="" type="checkbox"/> T2_DE_RWTH | <input type="checkbox"/> T2_EE_Estonia | <input type="checkbox"/> T2_ES_CIAMAT | <input type="checkbox"/> T2_ES_IFCA | <input checked="" type="checkbox"/> T2_FI_HIP | <input type="checkbox"/> T2_FR_GRIF | <input type="checkbox"/> T2_FR_IPHC |
| <input type="checkbox"/> T2_HU_Budapest | <input type="checkbox"/> T2_IT_Bari | <input type="checkbox"/> T2_IT_Legnaro | <input type="checkbox"/> T2_KR_KISTI | <input type="checkbox"/> T2_PL_Cyfronet | <input type="checkbox"/> T2_PL_Swierk | <input type="checkbox"/> T2_RU_IHEP | <input type="checkbox"/> T2_RU_INR |
| <input type="checkbox"/> T2_UA_KIPT | <input type="checkbox"/> T2_UK_London_Brunel | <input checked="" type="checkbox"/> T2_UK_London_IC | <input type="checkbox"/> T2_UK_SGrid_RALPP | <input type="checkbox"/> T2_US_Caltech | <input type="checkbox"/> T2_US_Florida | <input type="checkbox"/> T2_US_MIT | <input checked="" type="checkbox"/> T2_US_Purdue |
| <input type="checkbox"/> T2_US_UCSD | <input type="checkbox"/> T2_US_Vanderbilt | <input checked="" type="checkbox"/> T2_US_Wisconsin | | | | | |

SMART SITE RESOLVER

SKILLS GAINED



THANK YOU FOR YOUR ATTENTION

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