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# PILOT UPDATE

# PanDA Pilot v 69.0 (1/3)

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- Memory Monitoring
  - Fix for memory monitor setup on Nordugrid (already used in production on ND)
- Zip maps
  - Pilot can extract ZIP\_MAP info from jobPars to create archives of output files
  - Note: unzip should be implemented separately, eg. as a new option for rucio download – it could of course be implemented in pilot as well, but needs discussion
- Support for simplified payload setup
  - If job def noExecStrCnv is set, jobPars is expected to contain payload setup (i.e. including 'source asetup.sh ..')
  - Note 1: Only tested trivially on pilot side since no support yet in other tools
  - Note 2: Idea is that Pilot 2 will only support this mode

# PanDA Pilot v 69.0 (2/3)

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- Initial container support
  - Pilot can execute payload and stage-in/out with Singularity if activated via schedconfig.catchall by specifying singularity options
    - Pilot uses cmtconfig/platform info to determine image file name (located in cvmfs)
    - Stage-in/out currently only with rucio and gfal\_copy so far
  - To be discussed further in Valencia
- Bug fixes for testing new versions of asetup and xrootd (ALRB\_asetupVersion=testing)

# PanDA Pilot v 69.0 (3/3)

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- Event Service
  - Support for Prefetcher (from release 21.0.21 / non-digit releases)
    - Not yet verified for multiple input files which affects positional event numbers (some testing remains)
  - Now allowing for remote input files if local SE is down
    - Pilot checks local SE first
    - Note: only relevant for AES in this release, schedconfig.catchall must include “allow\_remote\_inputs”
  - Using normal SE:s with AES (i.e. instead of OS:s)
    - Fix for using normal SE:s with merge jobs

# PanDA Pilot v 69.0

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- Contributions from W. Guan, D. Drizhuk, A. Anisenkov, D. Cameron, P. Nilsson
  - Pending pull request from A. Bogdanchikov; pandaproxy mover etc under review
- To be released asap but pending final tests