

# Package ILCDIRAC

## Version v1r13p3

### BUGFIX

#### Core

- Gear file can also be a text in the xml parameters, not only a value

## Version v1r13p2

### NEW

#### Core

- Added utilities for overlay input

#### Interfaces

- interface for overlay

#### Workflow

- Module for Overlay Input

### BUGFIX

#### Workflow

- fix import location in LCSIMAnalysis

## Version v1r13p1

### BUGFIX

#### Workflow

- fix LD\_LIBRARY\_PATH for whizard

## Version v1r13p0

### NEW

#### Core

- Utility to remove the libc provided in the software packages

#### Interfaces

- Script to submit productions in slic context

### CHANGE

#### **Workflow**

- All workflow modules check that log file is present

## **Version v1r12p1**

### **BUGFIX**

#### **Workflow**

- bug fix in MokkaAnalysis

## **Version v1r12p0**

### **NEW**

#### **Core**

- Now Mokka uses random seed for every job. Users can set their own seed.

## **Version v1r11p2**

### **BUGFIX**

#### **Workflow**

- take new interface of writestdhep into account

## **Version v1r11p1**

### **BUGFIX**

#### **Core**

- Bug in CombimedSoftware installation

#### **Interfaces**

- Several errors remained in PostGenSel module

## **Version v1r11p0**

### **NEW**

#### **Core**

- added script to obtain list of available software: no need to use web page

#### **Interfaces**

- added PostGenSel step to allow "generator level" cuts

## Version v1r10p7

### CHANGE

#### Core

- All applications are also replicated to IN2P3-SRM

#### Interfaces

- jobindex in whizard can be anything

#### Workflow

- in whizard, when PYSTOP was called, application was still OK, now not anymore

### BUGFIX

#### Interfaces

- XML file for LCSIM is now a parameter in the Production API

## Version v1r10p6

### BUGFIX

#### Core

- TARSoft was failing installation of lcio

## Version v1r10p5

### NEW

#### Core

- LCIO specific install: environment vars are set

### CHANGE

#### Interfaces

- Allowed models in Whizard for susy are slsqhh and chne

## Version v1r10p4

### NEW

#### Interfaces

- allow choice of SUSY model in whizard

## Version v1r10p3

### CHANGE

#### Core

- added beam\_ercoil and keep\_initials as parameters

## Version v1r10p2

### BUGFIX

#### Workflow

- Registration of file in FC failed because FC changed

## Version v1r10p1

### BUGFIX

#### Core

- PrepareOptionsFile had a bug in Preparation of whizard.in

## Version v1r10p0

### NEW

#### Interfaces

- Whizard step in DIRAC
- SLIC Pandora step is in ProductionAPI

#### Workflow

- WhizardAnalysis module
- FailoverRequest module: publish requests and update file status in transformation system

### CHANGE

#### Core

- Whizard default .in file is now whizard.template.in, and is templated
- Propagate the number of events and luminosity through productions

#### Interfaces

- Production and user job API takes parameters for whizard, to fill in the template
- complete LCSIM step in production API: input and output are treated properly
- Production details are available from web interface

#### Workflow

- UserLFN now uses current credentials to guess the VO: suitable for ILC and CALICE run

## Version v1r9p0

### NEW

#### Core

- add resolveOFnames to change output files in production context
- script/dirac-ilc-add-whizard: define in DIRAC a new whizard version

#### Interfaces

- Add possibility to get a file using its SRM path FIXME: startFrom in mokka is 0 by default instead of 1.
- SLICPandora step definition

#### Workflow

- GetSRMFile module: used to get a file given its SRM path. Useful to get a file that is not registered in the DIRAC FC.
- RegisterOutputData: set the metadata flags for production data
- SLICPandora Module

### CHANGE

#### Core

- check that application software is not empty after untarring

#### Interfaces

- allow arguments in ApplicationScript. To be used for pyroot scripts
- add IS\_PROD to workflow parameters, for Production API only

#### Workflow

- handle production context properly: input and output file names depend on prod ID and job ID
- check that applications are actually there before running, and if not return an error.

## Version v1r7p1

### CHANGE

#### Core

- add comments in created steering and xml TODO: idem for SLIC and LCIM FIXME: replace rstrip by replace in TARSoft.py

#### Interfaces

- Marlin does not need to be specified the inputslcio list, as it is taken from inputdata if mokka step is not run before
- overload setBannedSites

## Version v1r7p0

### CHANGE

#### Core

- Reshuffle CombinedSoftwareInstallation so that we use the SharedArea
- TARSoft: don't redownload the applications if they are already there. Had to do some tricks to manage slic folder name TODO: what about LCSIM
- in TARSoft, use ReplicaManager if url does not start with <http://>
- better check in SQLWrapper that TMP dir is properly created. Also do proper remove of TMP dir, whatever happened to the socket.
- better handling of SQLWrapper errors
- Add modules needed by UserJobFinalization
- adapt ProductionData to ILC needs, basically removing everything
- To be able to use InputData, need to import InputDataResolution.
- dirac-ilc-add-software.py: now add to TarBallURL location the tar ball
- update detectOS after discussion with Hubert, comment out slc4 binary support

#### Interfaces

- In presubmissionchecks, check that outputpath, if used, does not contain ../, ./, or //, and does not end with ./
- All applications now call the UserJobFinalization module, and setOutputData is ILC specific.
- Check that outputdata and outputsandbox do not contain the same things and output data does not allow wildcard FIXME: checks where not done properly, all things were not checked FIXME: add TotalSteps in setROOT
- allow to use LFNs for steering and xml files for Mokka and Marlin

#### Workflow

- handle return value of SQLWrapper in MokkaWrapper
- check if input slcio is present for Marlin before running
- add UserJobFinalization module, taken from LHCb
- prepare for using InputData: find out where the files are on the fly and pass the full path to PrepareOptionsfiles

## Version v1r6p2

## Version v1r6p1

## Version v1r6p0

### NEW

#### Core

- dirac-ilc-add-software, utility to add software in CS

## CHANGE

### Interfaces

- use elif statements

### Workflow

- handle end of file reached in Mokka, avoid job declared as failed.
- in Marlin if nb of events to process is not specified, use -1 i.e. all events.

## Version v1r5p0

## CHANGE

### Core

- Take into account dependencies in installation phase.
- Set convention that folder containing application is same as tar ball name minus .tar.gz and .tgz

### Workflow

- Get base folder name based on CS content, allows for multiple version of the same software to run  
FIXME: Running marlin: duplicated processors were not properly removed from MARLIN\_DLL.

## Version v1r4p0

## NEW

### Interfaces

- add DiracILC with specification of preSubmissionChecks

### DataManagementSystem

- add DataManagementSystem, for dirac-dms-gridify-castor-file script

## CHANGE

### Core

- add in PrepareOptionsFiles the relevant methods for SLIC and LCSIM  
FIXME: fixes to the methods for Mokka and Marlin.

### Interfaces

- add the relevant bits of code for the definition of SLIC and LCSIM jobs
- add the possibility to run on mac files in mokka

### Workflow

- add relevant workflow for SLIC and LCSIM

## Version v1r3p0

### CHANGE

#### Core

- add ilc-install.sh script FIXME: Fix PrepareOptions such that the parsing of options is done properly

#### Interfaces

- in ILCJob, possibility to run Mokka and Marlin in one job

## Version v1r2p0

### CHANGE

#### Core

- rewrite of SQLwrapper

## Version v1r1p0

### CHANGE

#### Core

- start working on InputDataResolution

#### ConfigurationSystem

- adapt UsersAndGroups to LCD : comment references to LFC

#### Interfaces

- finish dev of LCDJob

### BUGFIX

#### Workflow

- Fix several bugs

## Version v1r0p0

NEW: first release

### NEW

#### Core

- first import

#### ConfigurationSystem

- first import



## **Interfaces**

- first import

## **Workflow**

- first import