

Installation du software par LHCb

- La shared area de LHCb (VO_LHCB_SW_DIR) contient que des librairies et il n'y a pas de compilation.
- Environ 55 versions actives pour les différents packages -> espace requis ~ 50GB (actuellement ~ 25GB)
- Le software de LHCB est installé par l'intermédiaire d'un job SAM avec le role=lcgadmin.
- Job lancé à la main une fois par jour.
- Dans le Configuration Service (CS) de Dirac il y a la liste des applications LHCb avec leur version et la plateforme sur laquelle elles tournent (voir snapshot)
- Le sam job download un script (install_project) et à partir de cette liste :
 - il installe des éventuelles nouvelles versions
 - il interroge le CS pour savoir s'il y a des versions obsolètes à enlever et libérer ainsi de l'espace dans la shared area
 - il vérifie que les permissions dans la shared area sont correctes

LHCb n'a pas observé jusqu'à présent des problèmes d'accès à la shared area

Active LHCb Software For All System Configurations

AppConfig	v2r1	slc4_ia32_gcc34	DaVinci	v19r7	slc4_ia32_gcc34
AppConfig	v2r2	slc4_ia32_gcc34	DaVinci	v20r3	slc4_ia32_gcc34
AppConfig	v2r3	slc4_amd64_gcc34,slc4_ia32_gcc34	DaVinci	v21r0	slc4_ia32_gcc34
AppConfig	v2r3p1	slc4_amd64_gcc34,slc4_ia32_gcc34	DaVinci	v22r0p2	slc4_amd64_gcc34,slc4_ia32_gcc34
AppConfig	v2r4	slc4_amd64_gcc34,slc4_ia32_gcc34	DaVinci	v22r1	slc4_amd64_gcc34,slc4_ia32_gcc34
AppConfig	v2r5	slc4_amd64_gcc34,slc4_ia32_gcc34	DaVinci	v22r2	slc4_amd64_gcc34,slc4_ia32_gcc34
AppConfig	v2r6	slc4_amd64_gcc34,slc4_ia32_gcc34	DaVinci	v22r3	slc4_amd64_gcc34,slc4_ia32_gcc34
Boole	v16r3	slc4_amd64_gcc34,slc4_ia32_gcc34	DaVinci	v23r0p1	slc4_amd64_gcc34,slc4_ia32_gcc34
Boole	v17r1	slc4_amd64_gcc34,slc4_ia32_gcc34	WARNING: DecFiles v13r16 is not defined for any system configurations		
Boole	v17r2	slc4_ia32_gcc34	WARNING: DecFiles v13r17 is not defined for any system configurations		
Boole	v17r3	slc4_amd64_gcc34,slc4_ia32_gcc34	DecFiles	v14r4	slc4_amd64_gcc34,slc4_ia32_gcc34
Boole	v18r0	slc4_amd64_gcc34,slc4_ia32_gcc34	DecFiles	v14r5	slc4_ia32_gcc34
Boole	v18r1	slc4_amd64_gcc34,slc4_ia32_gcc34	Dirac	v4r2	slc4_amd64_gcc34,slc4_ia32_gcc34
Brunel	v30r17	slc4_ia32_gcc34	Dirac	v4r4	slc4_amd64_gcc34,slc4_ia32_gcc34
Brunel	v31r12	slc4_ia32_gcc34	Gauss	v25r13	slc4_ia32_gcc34
Brunel	v32r5	slc4_ia32_gcc34	Gauss	v26r0	slc4_ia32_gcc34
Brunel	v33r3p1	slc4_ia32_gcc34	Gauss	v35r1	slc4_amd64_gcc34,slc4_ia32_gcc34
Brunel	v34r0	slc4_amd64_gcc34,slc4_ia32_gcc34	Gauss	v36r0	slc4_ia32_gcc34
Brunel	v34r1p1	slc4_ia32_gcc34	Gauss	v36r1	slc4_amd64_gcc34,slc4_ia32_gcc34
Brunel	v34r2	slc4_amd64_gcc34,slc4_ia32_gcc34	Gauss	v36r2	slc4_amd64_gcc34,slc4_ia32_gcc34
Brunel	v34r3	slc4_amd64_gcc34,slc4_ia32_gcc34	Gauss	v37r0	slc4_amd64_gcc34,slc4_ia32_gcc34
Brunel	v34r5	slc4_amd64_gcc34,slc4_ia32_gcc34	LHCbGrid	v1r3p2	slc4_ia32_gcc34
Brunel	v34r6	slc4_amd64_gcc34,slc4_ia32_gcc34	LHCbGrid	v1r7	slc4_amd64_gcc34,slc4_ia32_gcc34
Brunel	v35r0p1	slc4_amd64_gcc34,slc4_ia32_gcc34	ParamFiles	v5r0	slc4_amd64_gcc34,slc4_ia32_gcc34
DIRAC	v4r12p1	slc4_amd64_gcc34,slc4_ia32_gcc34	SQLDDDB	v5r2	slc4_amd64_gcc34,slc4_ia32_gcc34
DaVinci	v19r12	slc4_ia32_gcc34	SQLDDDB	v5r5	slc4_amd64_gcc34,slc4_ia32_gcc34
DaVinci	v19r13	slc4_ia32_gcc34	SQLDDDB	v5r6	slc4_amd64_gcc34,slc4_ia32_gcc34
DaVinci	v19r14	slc4_ia32_gcc34	XmlDDDB	v30r14	slc4_amd64_gcc34,slc4_ia32_gcc34

Deprecated LHCb Software

Analysis.v1r10, Analysis.v1r6, Analysis.v1r7, Analysis.v1r8, Analysis.v1r9, Boole.v12r10, Boole.v14r0, Boole.v14r7, Boole.v14r8, Boole.v15r1, Boole.v6r5, Brunel.v24r6, Brunel.v30r14, Brunel.v31r4, Brunel.v31r5, Brunel.v31r6, Brunel.v31r9, Brunel.v32r3, Brunel.v32r3p1, Brunel.v32r8, Brunel.v33r2, Brunel.v33r3, Brunel.v34r4, Brunel.v35r0, DaVinci.v19r1, DaVinci.v19r10, DaVinci.v19r2, DaVinci.v19r3, DaVinci.v19r5, DaVinci.v20r1, DaVinci.v22r0, DaVinci.v19r9, Dirac.v4r1p1, Dirac.v4r5, Gauss.v25r12, Gauss.v35r0, HLT.v1r5, HLT.v1r6, HLT.v1r7, HLT.v1r8, HLT.v1r9, HLT.v2r0, HLT.v3r0, HLT.v4r1, LHCb.v16r5, LHCb.v22r0, LHCb.v22r2, LHCb.v22r5, LHCb.v23r6, LbCom.v6r14, LbCom.v6r9, Lbcom.v6r0, Lbcom.v6r2, Lbcom.v6r4, Lbcom.v6r5, Lhcb.v23r3, Phys.v5r0, Phys.v6r10, Phys.v6r2, Phys.v6r3, Phys.v6r4, Phys.v6r5, Phys.v6r6, Phys.v6r9, Rec.v4r4, Rec.v4r5, Rec.v4r9, XmlDDDB.v22r2