

-- JianqiaoDeng - 2022-07-13

At this place, I take zmumu as example, you should first get the logicpath of zmumu,

such as

```
/MC/Upgrade/Beam7000GeV-Upgrade-MagDown-Nu7.6-25ns-Pythia8/Sim10-Up08/42112001/XDIGI
```

then transform it to physics path and download these xidgi files.

```
//////////
```

```
lhcb-proxy-init
```

```
lb-dirac dirac-bookkeeping-get-files --BK
```

```
/MC/Upgrade/Beam7000GeV-Upgrade-MagDown-Nu7.6-25ns-Pythia8/Sim10-Up08/42112001/XDIGI  
--Output=zgg_magdown
```

```
cat zgg_magdown | awk '{print "LFN:"$1}' > magdown
```

```
//this command will produce pool_xml_catalog.xml
```

```
lb-dirac dirac-bookkeeping-genXMLCatalog --File=magdown
```

```
grep ROOT_All pool_xml_catalog.xml | awk '{print $3}' | sed "s/^\^/g" | awk '{print " - \" $2\""}>  
final_magdown
```

```
vi final_magdown
```

```
//add download command to every line
```

```
%s/ -/lb-dirac dirac-dms-get-file -/g
```

```
mv final_magdown final_magdown.sh
```

```
sh final_magdown.sh
```

```
//////////
```

These xidgi files are very large, you should download them at /eos/home-X/yourname/.

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How to get logical path?

click "DIRAC Portal", Applications->Data->Bookkeeping Browser, then set "simulation condition" to "Event type"

This topic: Sandbox > GetRun3MC

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