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Migration to newer version of CMSSW framework

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Migration to newer version of CMSSW framework

Prerequisites

- compile and run some examples from current release - see Getting Started
- read documentation linked on this page
- play with LXR - browse and search in CMSSW code

List of packages *common* with CMSSW

There are some packages, which at the beginning were taken from CMSSW and modified. In order to migrate such package you need to:

- take old totem package
- take new cmssw package
- merge them (the best way is to take new-cmssw and put changes on it)

List of *common* packages:

- DataFormats/DetId
- Geometry/CMSCommonData
- Geometry/Records
- SimG4Core/HelpfulWatchers
- SimG4Core/Notification

List of T1T2 packages submitted to CMSSW repository:

- Geometry/ForwardCommonData
- Geometry/ForwardSimData
- SimG4CMS/Forward

For T1T2 packages you should take latest version developed by T1T2 group.

List of configuration files *common* with CMSSW

Similar to packages, there are some configuration files, taken at some point from CMSSW and later modified. Migration process is similar to *common* packages.

List of *common* configuration files:

- Configuration/TotemCommon/data/G4.cfi -> to be replaced by g4SimHits.cfi
- Configuration/TotemCommon/data/g4SimHits.cfi -> taken from SimG4Core/Application/data/g4SimHits.cfi

-- LeszekGrzanka - 14 Aug 2008