

DC3 OutputStage Policy Design

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OutputStage Policy File Components

1. AdditionalData:
 - ◆ type: string array
 - ◆ description: allows clipboard values to be given names to be used as parameters in pathnames or by Formatters. Form is <name>=<clipboardKey>.
2. RunMode:
 - ◆ type: string
 - ◆ allowed values: "preprocess", "process", "postprocess"
 - ◆ description: specifies when the output should occur.
3. OutputItems:
 - ◆ type: policy
 - ◆ description: items to persist
 - ◆ sub-policies:
 1. <itemName>:
 - type: policy
 - description: replace <itemName> with the name you would like to assign to this output item. multiple item policies may be defined within the OutputItems policy.
 - sub-policies:
 1. StoragePolicy:
 - ◆ type: policy
 - ◆ description: specifies how and where to persist this item. Multiple StoragePolicy can be defined for a single item; they are used in sequence.
 - ◆ components:
 1. Storage:
 - type: string
 - allowed values: "BoostStorage", "DbStorage", "DbTsvStorage", "FitsStorage", "XmlStorage"
 - description: specifies **how** to persist the item.
 2. Location:
 - type: string
 - description: specifies **where** to persist the item. Should be a *logical* location, not a *physical* one. Can include % {... } parameters which will be filled in by the stage using the "AdditionalData" values. Built in % {... } operands include:
 - % {runId}
 - % {sliceId}
 - % {universeSize}

Sample OutputStage Policy File

```
AdditionalData: "exposureId=triggerImageprocEvent.exposureid"
RunMode: "process"
OutputItems: {
  OutputImage: {
    required: true
    StoragePolicy: {
      Storage: "FitsStorage"
      Location: "image%{exposureId}"
    }
  }
}
```