

CTL Tutorial A1

Extendable parts

Components / Setup / System:

- SystemComponent
 - AbstractBeamModifier
 - AbstractDetector
 - AbstractGantry
 - AbstractSource
- AbstractCTSystemBlueprint
- AbstractPrepareStep
- AbstractPreparationProtocol

Data models:

- AbstractDataModel / AbstractIntegrableDataModel
- AbstractXraySpectrumModel
- AbstractDataModel2D

Data types:

- AbstractDynamicVolumeData
- AbstractPhantomGenerator

IO:

- AbstractSerializer
- template <class FileIOImplementer>

Projection / Reconstruction:

- AbstractProjector
- ProjectorExtension
- AbstractReconstructor
- AbstractSubsetGenerator / AbstractFixedSizeSubsetGenerator

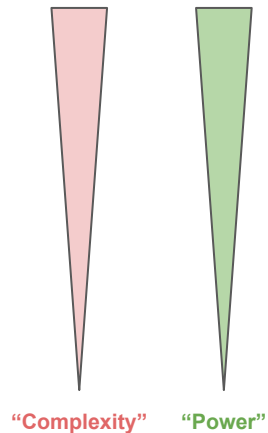
Processing:

- AbstractProjectionFilter / GenericOCLProjectionFilter
- AbstractVolumeFilter / GenericOCLVolumeFilter
- AbstractVolumeDecomposer
- AbstractVolumeSparsifier
- AbstractErrorMetric

Miscellaneous:

- AbstractRegistration2D3D / AbstractNloptRegistration2D3D
- OpenCLFunction
- PointSeriesBase

Extendable parts



Most important:

- AbstractProjector
 - ProjectorExtension
 - AbstractReconstructor

 - AbstractProjectionFilter / GenericOCLProjectionFilter
 - AbstractVolumeFilter / GenericOCLVolumeFilter
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- AbstractPreparationProtocol
 - AbstractDataModel
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