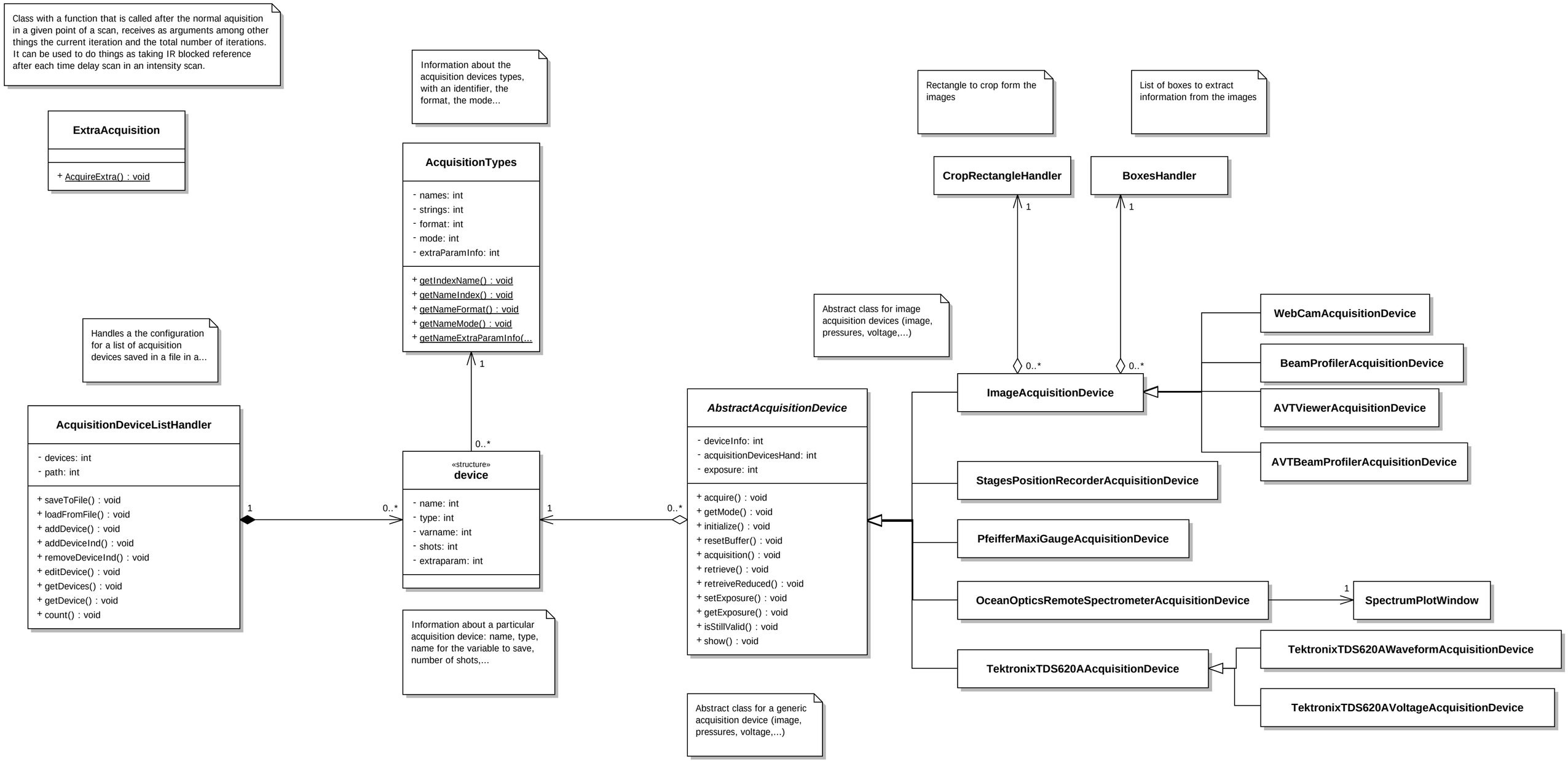
Class with a function that is called after the normal aquisition in a given point of a scan, receives as arguments among other things the current iteration and the total number of iterations. It can be used to do things as taking IR blocked reference after each time delay scan in an intensity scan.
ExtraAcquisition
+ AcquireExtra() : void
Information about the acquisition devices types, with an identifier, the format, the mode...
AcquisitionTypes
- names: int
- strings: int
- format: int
- mode: int
- extraParamInfo: int
+ getIndexName() : void
+ getNameIndex() : void
+ getNameFormat() : void
+ getNameMode() : void
+ getNameExtraParamInfo(...
1
0..*
Handles a the configuration for a list of acquisition devices saved in a file in a...
AcquisitionDeviceListHandler
- devices: int
- path: int
+ saveToFile() : void
+ loadFromFile() : void
+ addDevice() : void
+ addDeviceInd() : void
+ removeDeviceInd() : void
+ editDevice() : void
+ getDevices() : void
+ getDevice() : void
+ count() : void
1
0..*
«structure»
device
- name: int
- type: int
- varname: int
- shots: int
- extraparam: int
Information about a particular acquisition device: name, type, name for the variable to save, number of shots,...
1
0..*
AbstractAcquisitionDevice
- deviceInfo: int
- acquisitionDevicesHand: int
- exposure: int
+ acquire() : void
+ getMode() : void
+ initialize() : void
+ resetBuffer() : void
+ acquisition() : void
+ retrieve() : void
+ retreiveReduced() : void
+ setExposure() : void
+ getExposure() : void
+ isStillValid() : void
+ show() : void
Abstract class for a generic acquisition device (image, pressures, voltage,...)
Rectangle to crop form the images
List of boxes to extract information from the images
CropRectangleHandler
BoxesHandler
1
1
Abstract class for image acquisition devices (image, pressures, voltage,...)
0..*
0..*
ImageAcquisitionDevice
WebCamAcquisitionDevice
BeamProfilerAcquisitionDevice
AVTViewerAcquisitionDevice
AVTBeamProfilerAcquisitionDevice
StagesPositionRecorderAcquisitionDevice
PfeifferMaxiGaugeAcquisitionDevice
OceanOpticsRemoteSpectrometerAcquisitionDevice
1
SpectrumPlotWindow
TektronixTDS620AAcquisitionDevice
TektronixTDS620AWaveformAcquisitionDevice
TektronixTDS620AVoltageAcquisitionDevice