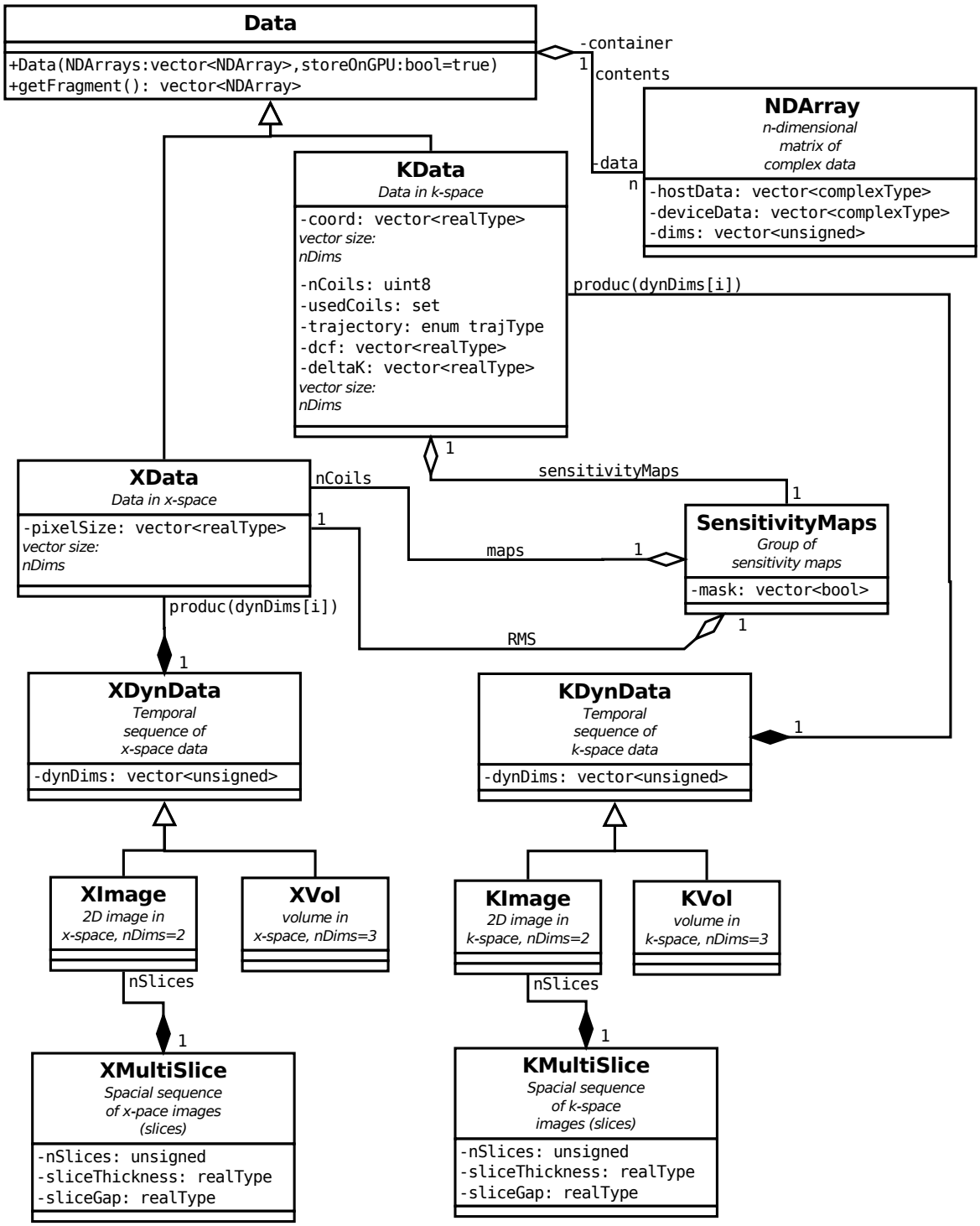
Data
+Data(NDArrays:vector<NDArray>,storeOnGPU:bool=true)
+getFragment(): vector<NDArray>
-container
1
contents
-data
n
NDArray
n-dimensional matrix of complex data
-hostData: vector<complexType>
-deviceData: vector<complexType>
-dims: vector<unsigned>
KData
Data in k-space
-coord: vector<realType>
vector size: nDims
-nCoils: uint8
-usedCoils: set
-trajectory: enum trajType
-dcf: vector<realType>
-deltaK: vector<realType>
vector size: nDims
produc(dynDims[i])
1
sensitivityMaps
1
XData
Data in x-space
-pixelSize: vector<realType>
vector size: nDims
nCoils
1
maps
1
SensitivityMaps
Group of sensitivity maps
-mask: vector<bool>
produc(dynDims[i])
1
RMS
1
XDynData
Temporal sequence of x-space data
-dynDims: vector<unsigned>
KDynData
Temporal sequence of k-space data
-dynDims: vector<unsigned>
1
XImage
2D image in x-space, nDims=2
XVol
volume in x-space, nDims=3
KImage
2D image in k-space, nDims=2
KVol
volume in k-space, nDims=3
nSlices
1
nSlices
1
XMultiSlice
Spacial sequence of x-pace images (slices)
-nSlices: unsigned
-sliceThickness: realType
-sliceGap: realType
KMultiSlice
Spacial sequence of k-space images (slices)
-nSlices: unsigned
-sliceThickness: realType
-sliceGap: realType