This is a Doxygen-style caller/callee graph diagram.

```
beliefprop_cuda::convert
UnsignedIntImageToFloat

beliefprop_cuda::CopyMsg
DataToNextLevel

beliefprop::CopyMsgDataTo
NextLevelPixel

beliefprop_cuda::FilterImage
Across

beliefprop_cuda::FilterImage
Vertical

beliefprop_cuda::Initialize
BottomLevelData

beliefprop::InitializeBottom
LevelDataPixel

beliefprop_cuda::Initialize
CurrentLevelData

beliefprop::InitializeCurrent
LevelDataPixel

beliefprop_cuda::Initialize
MessageValsToDefaultKernel

beliefprop_cuda::Retrieve
OutputDisparity
```

```
InitializeCurrentLevelData
Pixel< short, short, beliefprop
::kStereoSetsToProcess[0].num
_disp_vals >

InitializeCurrentLevelData
Pixel< short, short, beliefprop
::kStereoSetsToProcess[1].num
_disp_vals >

InitializeCurrentLevelData
Pixel< short, short, beliefprop
::kStereoSetsToProcess[2].num
_disp_vals >

InitializeCurrentLevelData
Pixel< short, short, beliefprop
::kStereoSetsToProcess[3].num
_disp_vals >

InitializeCurrentLevelData
Pixel< short, short, beliefprop
::kStereoSetsToProcess[4].num
_disp_vals >

InitializeCurrentLevelData
Pixel< short, short, beliefprop
::kStereoSetsToProcess[5].num
_disp_vals >

InitializeCurrentLevelData
Pixel< short, short, beliefprop
::kStereoSetsToProcess[6].num
_disp_vals >
```

```
beliefprop::WithinImageBounds
```

```
RetrieveOutputDisparityPixel
< short, short, beliefprop
::kStereoSetsToProcess[0].num
_disp_vals >

RetrieveOutputDisparityPixel
< short, short, beliefprop
::kStereoSetsToProcess[1].num
_disp_vals >

RetrieveOutputDisparityPixel
< short, short, beliefprop
::kStereoSetsToProcess[2].num
_disp_vals >

RetrieveOutputDisparityPixel
< short, short, beliefprop
::kStereoSetsToProcess[3].num
_disp_vals >

RetrieveOutputDisparityPixel
< short, short, beliefprop
::kStereoSetsToProcess[4].num
_disp_vals >

RetrieveOutputDisparityPixel
< short, short, beliefprop
::kStereoSetsToProcess[5].num
_disp_vals >

RetrieveOutputDisparityPixel
< short, short, beliefprop
::kStereoSetsToProcess[6].num
_disp_vals >
```

```
beliefprop::RetrieveOutput
DisparityPixel

beliefprop_cuda::RunBPIteration
UsingCheckerboardUpdates
```