

```
RunBPIterationUsingCheckerboard  
UpdatesKernel< short, short,  
beliefprop::kStereoSetsToProcess  
[3].num_disp_vals >
```

```
graph LR; A[RunBPIterationUsingCheckerboardUpdatesKernel< short, short, beliefprop::kStereoSetsToProcess[3].num_disp_vals >] --> B[beliefprop::RunBPIterationUsingCheckerboardUpdatesKernel]; B --> C[beliefprop::RetrieveIndexInDataAndMessage];
```

```
beliefprop::RunBPIteration  
UsingCheckerboardUpdatesKernel
```

```
beliefprop::RetrieveIndex  
InDataAndMessage
```