In[2]:=
```
<< Radia`;
```

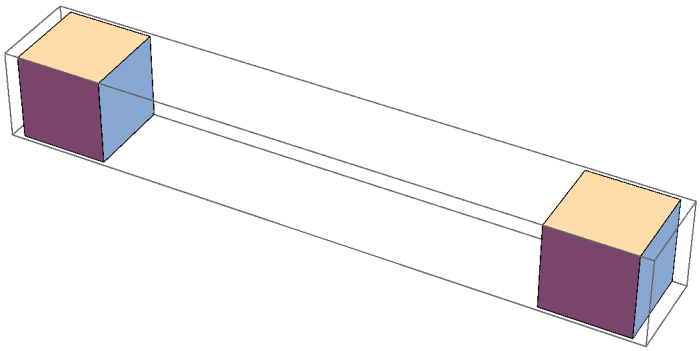
```
Radia Version: 4.31 is loaded

Radia is copyright ESRF, France.

Portions copyright Synchrotron SOLEIL, France.

Portions copyright Wolfram Research, Inc.
```

In[4]:=
```
mag1 =
  radObjRecMag[{-300*^-6, 0, 100*^-6}, {100*^-6, 100*^-6, 100*^-6}, {1, 0, 0}];
mag2 = radObjRecMag[{300*^-6, 0, 100*^-6},
   {100*^-6, 100*^-6, 100*^-6}, {1, 0, 0}];
```

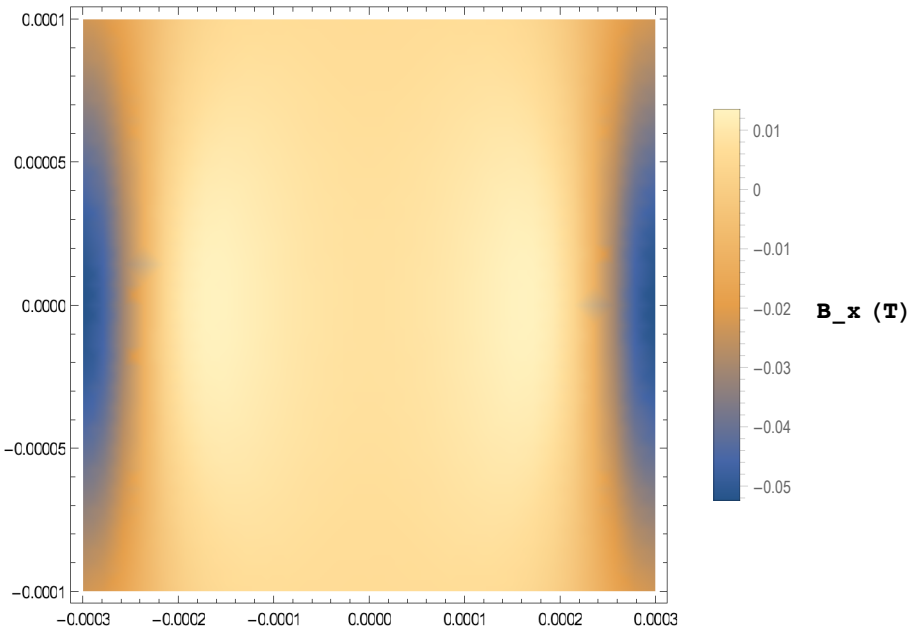
In[6]:=
```
magnetContainer = radObjCnt[{mag1, mag2}];
```

In[36]:=
```
Show[Graphics3D[radObjDrw[magnetContainer]]]
```

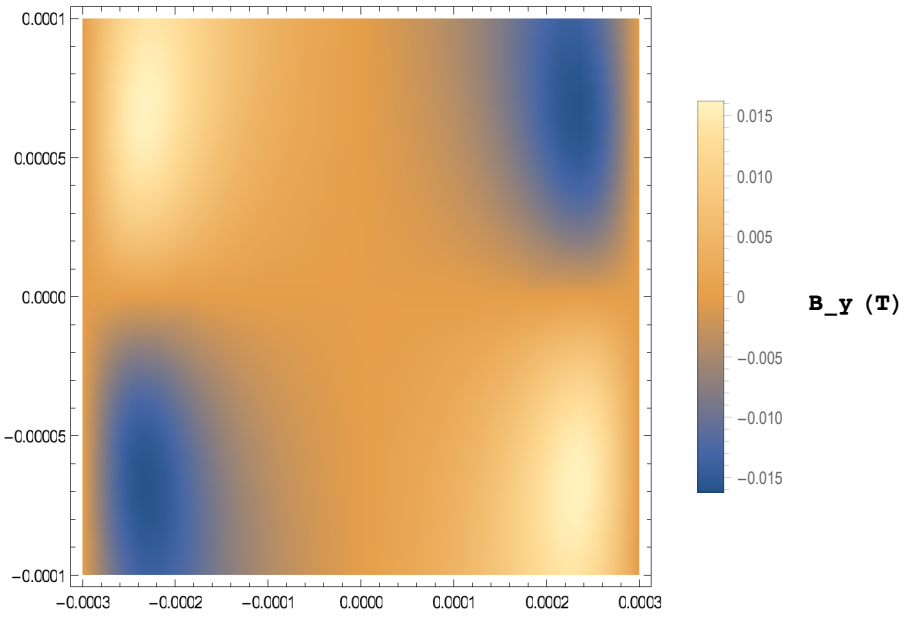
Out[36]=



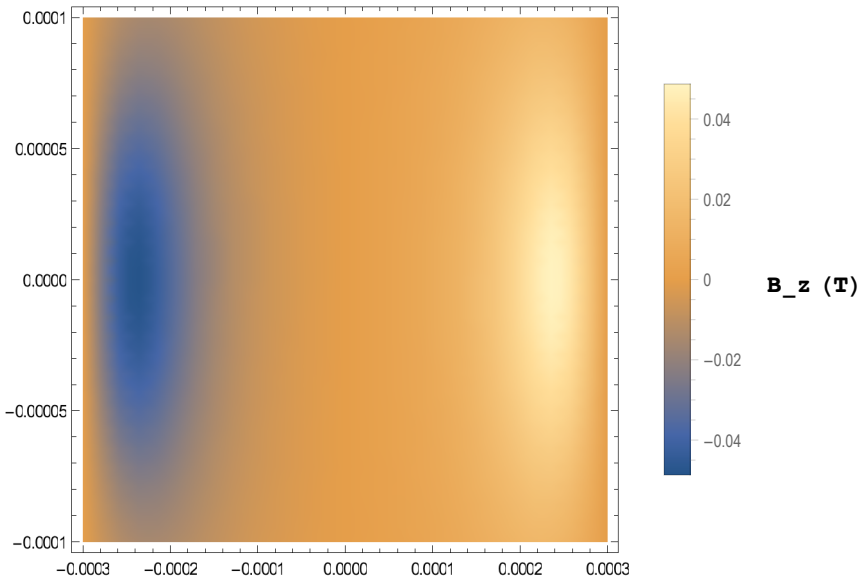
```
DensityPlot[radFld[magnetContainer, "bx", {x, y, -10*^-6}],
 {x, -300*^-6, 300*^-6}, {y, -100*^-6, 100*^-6}, PlotLegends → Automatic]
```



In[38]:=
```
DensityPlot[radFld[magnetContainer, "by", {x, y, -10*^-6}],
 {x, -300*^-6, 300*^-6}, {y, -100*^-6, 100*^-6}, PlotLegends → Automatic]
```



In[33]:=
```
DensityPlot[radFld[magnetContainer, "bz", {x, y, -10*^-6}],
 {x, -300*^-6, 300*^-6}, {y, -100*^-6, 100*^-6}, PlotLegends → Automatic]
```


0.0001
0.00005
0.0000
−0.00005
−0.0001
−0.0003
−0.0002
−0.0001
0.0000
0.0001
0.0002
0.0003
0.04
0.02
0
−0.02
−0.04
B_z (T)