

001

April 19, 2020

```
[21]: from dolfin import *  
      from jupyterthemes import jtplot  
      jtplot.style()
```

```
[9]: import numpy as np  
     from vtkplotter.dolfin import plot as vplot  
     from vtkplotter.dolfin import show, embedWindow  
     from vtkplotter import settings  
     msh = UnitCubeMesh(3,3,3)
```

```
[10]: V = FunctionSpace(msh, "CG", 1)
```

```
[11]: w = Function(V)
```

```
[12]: w.vector()[:] = np.linspace(0,1,V.dim())
```

```
[28]: vplot(w)
```

```
Plot(antialias=3, axes=['x', 'y', 'z'], axes_helper=1.0, background_color=16777215, camera=[0.5, 0.5, 0.5])
```

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[ ]:
```