Hello Jupyter Notebook

Installing jupyter

My system has Python 3.7.4 installed under Windows 10. I followed the directions for Installing Jupyter Notebook (https://test-jupyter.readthedocs.io/en/latest/install.html) via command line:

• `pip install jupyter`

Then running via command line:

• `jupyter notebook`


Running the notebook

I created this `HelloJupyterNotebook` page and then loaded the x3d package into Python as follows.

Loading x3d package

```python
In [3]: import x3d
```

x3d package loaded, have fun with X3D Graphics!

Since the x3d.py package is experimental, successful loading is confirmed by the message above.

Creating an X3D model
In [26]:

```python
import x3d

newModel = x3d.X3D(
    head=x3d.head(children=[
        x3d.component(name='Core', level=2),
        x3d.unit(),
        x3d.meta(name='title', content='HelloJupyterNotebook.py'))],
    Scene=x3d.Scene(children=[
        x3d.WorldInfo(),
        x3d.Group()]))
```

**Showing an error**

Here is an intentional error forcing a Python TypeError, thus showing that the notebook is active.

In [13]:

```
newModel + 2;
```

```
---------------------------------------------------------------------------
TypeError                       Traceback (most recent call last)
<ipython-input-13-eaf770075e07> in <module>
----> 1 newModel + 2;

TypeError: unsupported operand type(s) for +: 'X3D' and 'int'
```

In [ ]: