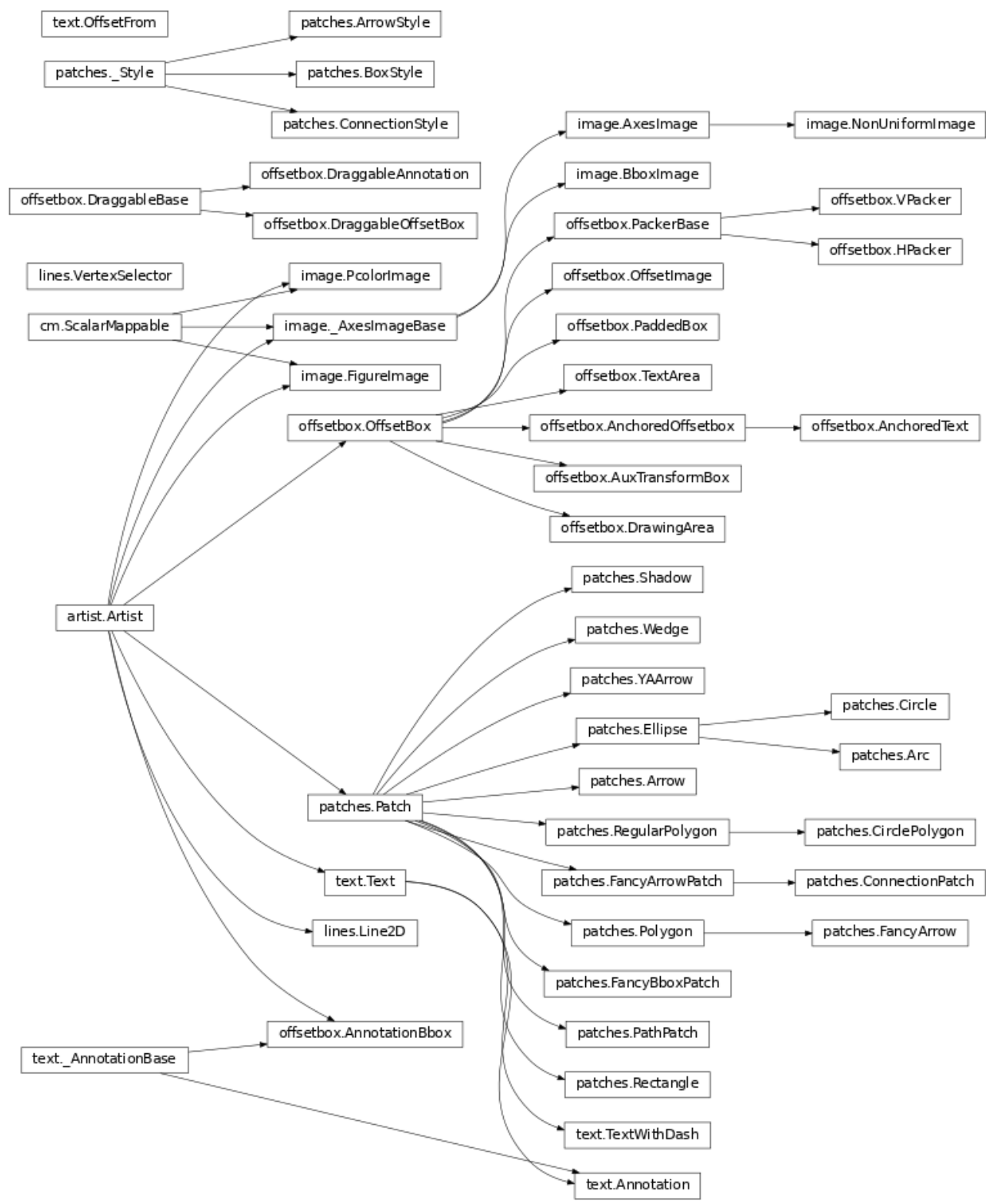


Matplotlib Architecture

- **Backend**
 - *Deals with the rendering of plots to screen or files*
 - *In Jupyter notebooks we use the inline backend*



Matplotlib Architecture

- **Backend Layer**
 - *Deals with the rendering of plots to screen or files*
 - *In Jupyter notebooks we use the inline backend*
- **Artist Layer**
 - *Contains containers such as Figure, Subplot, and Axes*
 - *Contains primitives, such as a Line2D and Rectangle, and collections, such as a PathCollection*
- **Scripting Layer**
 - *Simplifies access to the Artist and Backend layers*