MongoDB's
Javascript
map-reduce

Binary format
with a schema
(alternative to JSON)

TensorFlow,
Keras, Theano
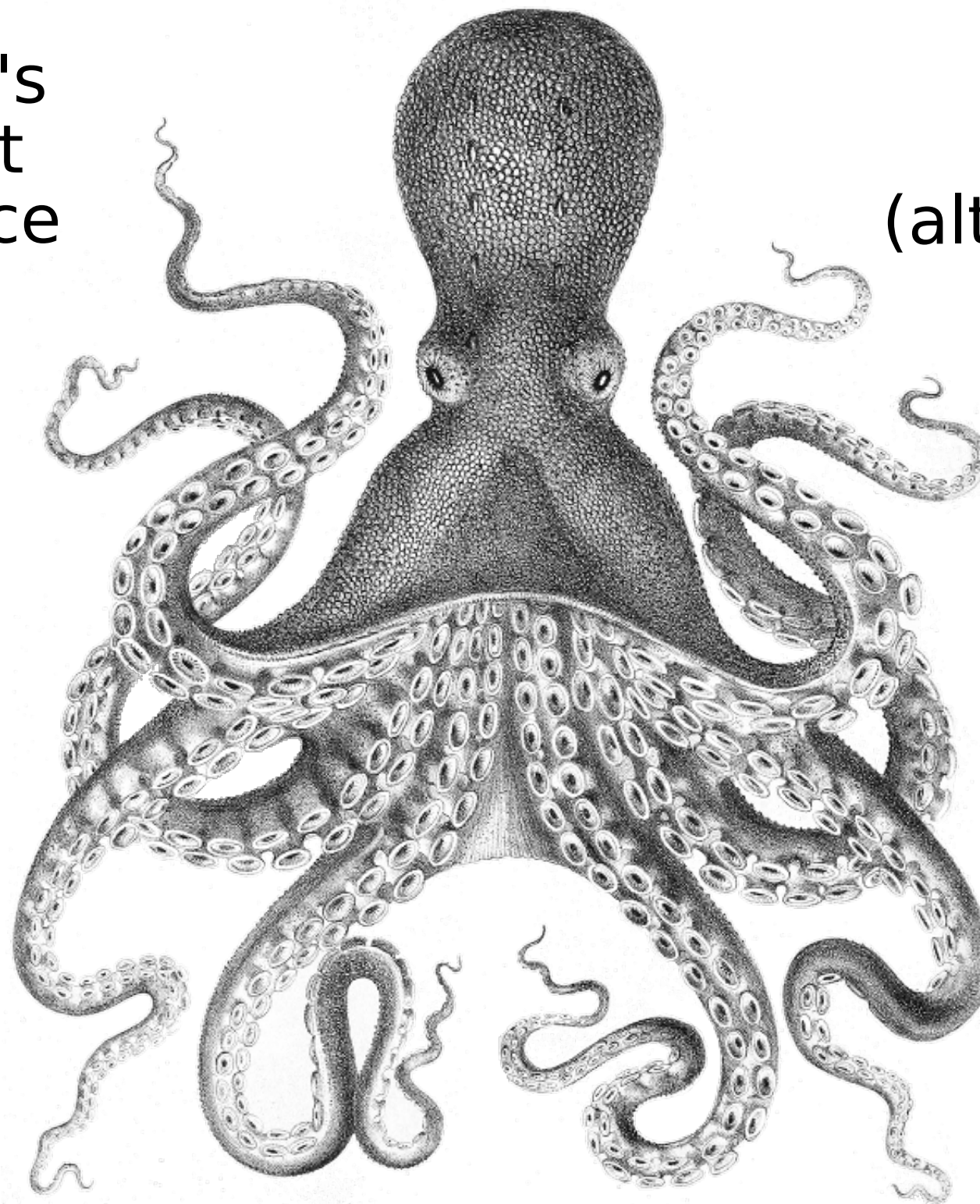
plot.ly, Jupyter
notebooks,
Vega, etc.

UNIX command
line tool:
`awk data | hg`

continuously
filling animation
as data arrive

Streaming "tap"
(Storm, S4, etc.)

SAGE, MATLAB,
Mathematica, etc.

More back-end ideas...

More front-end ideas...