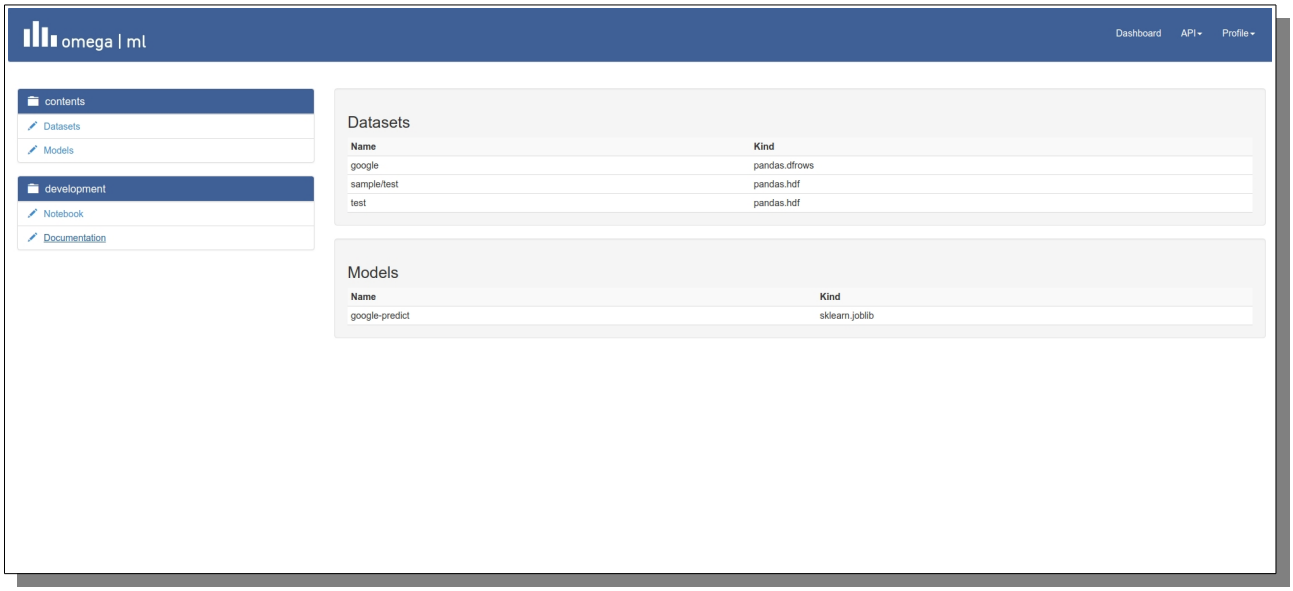
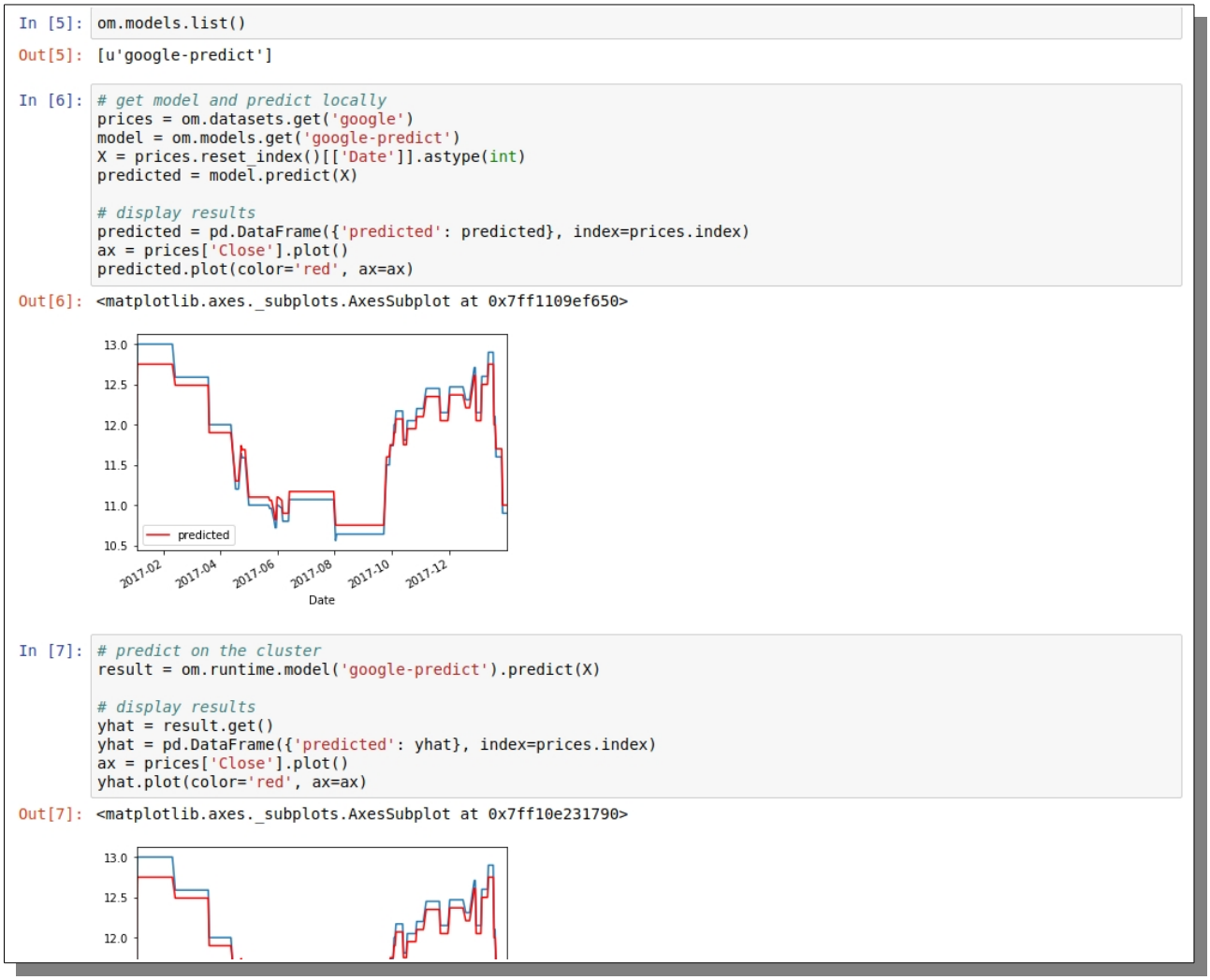
omega | ml

Dashboard



Notebook Online Editor & Report publishing



```
In [5]: om.models.list()
```

```
Out[5]: [u'google-predict']
```

```
In [6]: # get model and predict locally
        prices = om.datasets.get('google')
        model = om.models.get('google-predict')
        X = prices.reset_index()[['Date']].astype(int)
        predicted = model.predict(X)

        # display results
        predicted = pd.DataFrame({'predicted': predicted}, index=prices.index)
        ax = prices['Close'].plot()
        predicted.plot(color='red', ax=ax)
```

```
Out[6]: <matplotlib.axes._subplots.AxesSubplot at 0x7ff1109ef650>
```

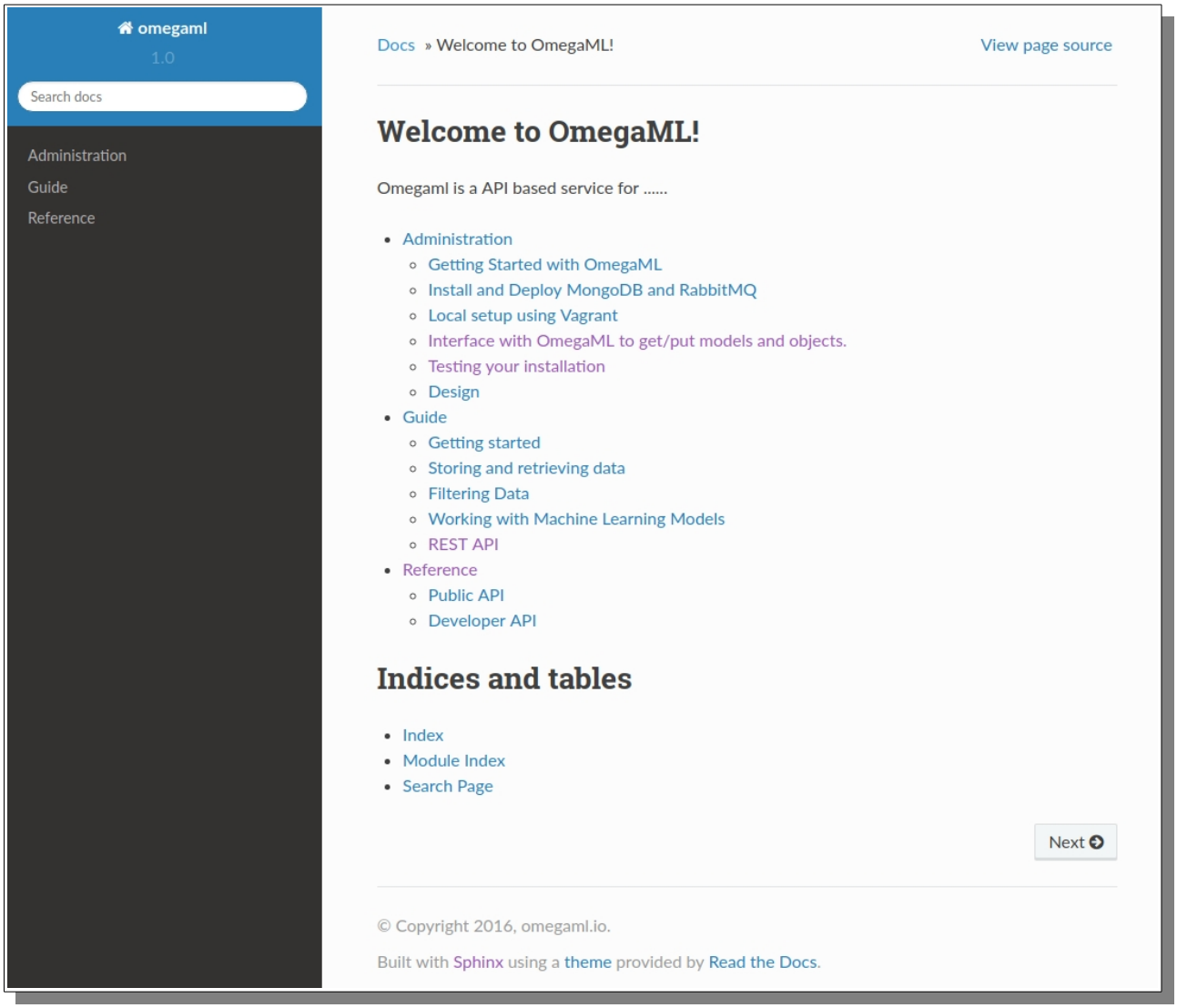


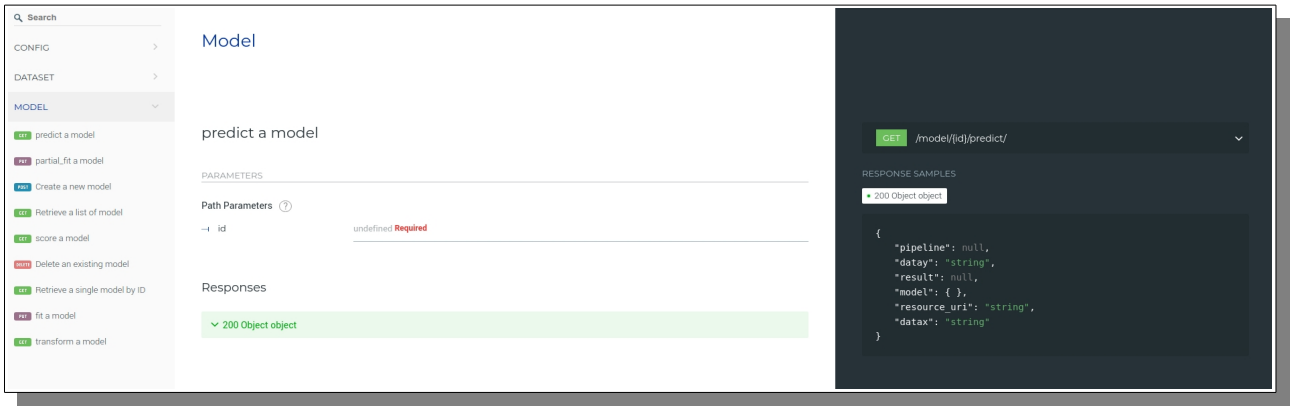
```
In [7]: # predict on the cluster
        result = om.runtime.model('google-predict').predict(X)

        # display results
        yhat = result.get()
        yhat = pd.DataFrame({'predicted': yhat}, index=prices.index)
        ax = prices['Close'].plot()
        yhat.plot(color='red', ax=ax)
```

```
Out[7]: <matplotlib.axes._subplots.AxesSubplot at 0x7ff10e231790>
```

Integrated Online Help



Also available as PDF

REST API documentation