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In [25]: # Plots reside in Figures
fig = plt.figure()

# 1x1 plots in Figure
ax = fig.add_subplot(1, 1, 1)

data = pd.read_csv('data/spx.csv', index_col=0, parse_dates=True)
spx = data['SPX']

spx.plot(ax=ax, style='k-', figsize=(15,9))

# Important events
crisis_data = [
    (datetime(2007, 10, 11), 'Peak of Bull Market'),
    (datetime(2008, 3, 12), 'Bear Stearns Fails'),
    (datetime(2008, 9, 15), 'Lehman Bankruptcy'),
]

# Annotate with red arrows
for date, label in crisis_data:
    ax.annotate(label, xy=(date, spx.asof(date) + 20),
                xytext=(date, spx.asof(date) + 150),
                arrowprops=dict(facecolor='red'),
                horizontalalignment='left', verticalalignment='top')

# Zoom in on 2007-10
ax.set_xlim(['1/1/2007', '1/1/2011'])
ax.set_ylim([600, 1800])

ax.set_title('Important Dates in 2008-09 Financial Crisis')

```

Out[25]: <matplotlib.text.Text at 0x114d590d0>

