

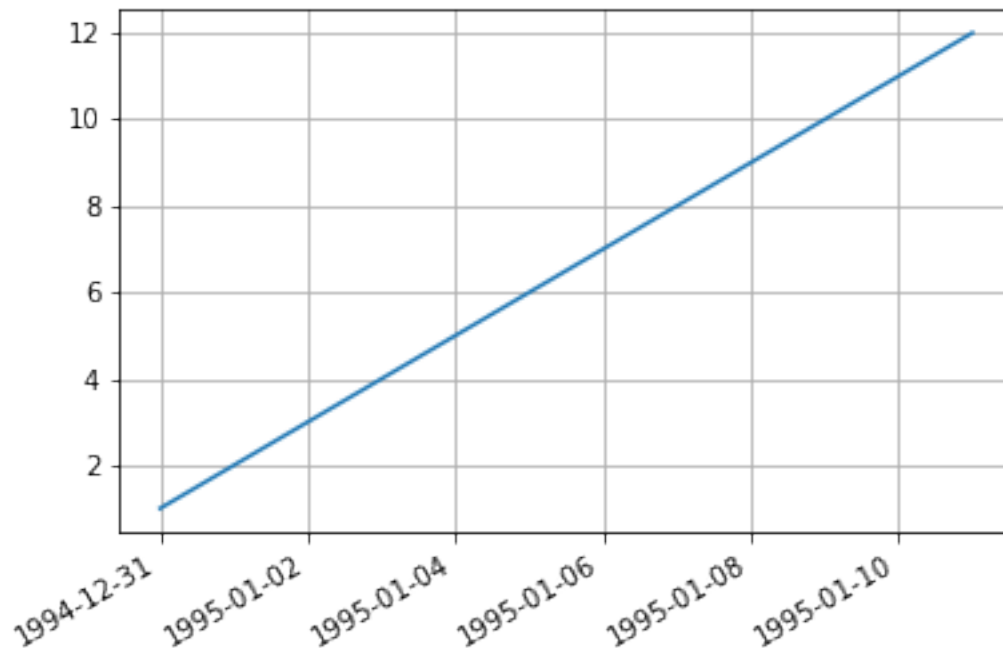
mpl_bug_timezone

April 2, 2021

```
[1]: import datetime as dt
import matplotlib.pyplot as plt
import pandas as pd
import numpy as np
```

```
[2]: start_date = dt.date(1995,1,1)
end_date = dt.date(1995,1,12)
xvalues = pd.date_range(start_date, end_date, freq='24H')
yvalues = np.arange(1,np.size(xvalues)+1)

fig, ax = plt.subplots()
ax.plot(xvalues,yvalues)
ax.grid()
fig.autofmt_xdate()
```



```
[3]: print(xvalues)
```

```
DatetimeIndex(['1995-01-01', '1995-01-02', '1995-01-03', '1995-01-04',  
              '1995-01-05', '1995-01-06', '1995-01-07', '1995-01-08',  
              '1995-01-09', '1995-01-10', '1995-01-11', '1995-01-12'],  
              dtype='datetime64[ns]', freq='24H')
```

```
[4]: ax.axes.get_xticklabels()
```

```
[4]: [Text(9131.0, 0, '1994-12-31'),  
      Text(9133.0, 0, '1995-01-02'),  
      Text(9135.0, 0, '1995-01-04'),  
      Text(9137.0, 0, '1995-01-06'),  
      Text(9139.0, 0, '1995-01-08'),  
      Text(9141.0, 0, '1995-01-10')]
```

```
[5]: !date
```

```
Fri 02 Apr 2021 01:52:57 PM CEST
```