

The Double Split Pattern

Sometimes we split a line one way, and then grab one of the pieces of the line and split that piece again



The Regex Version

Look through the string until you find an at sign



The Regex Version



The Regex Version

Starting at the beginning of the line, look for the string 'From'

Skip a bunch of characters, lobking for an at sign

```
From stephen.marquard@uct.ac.za Sat Jan 5 09:14:16 2008
```

```
import re
lin = 'From stephen.marquard@uct.ac.za Sat Jan 5 09:14:16 2008'
y = re.findall('^From .*@([^ ]*)',lin)
print(y)
```

['uct.ac.za']

'^From .*@([^]+)'

Match non-blank character Match many of them



Spam Confidence

X-DSPAM-Confidence: 0.8475



Escape Character If you want a special regular expression character to just behave

If you want a special regular expression character to just behave normally (most of the time) you prefix it with '\'

```
>>> import re
>>> x = 'We just received $10.00 for cookies.'
>>> y = re.findall('\$[0-9.]+',x)
>>> print(y)
['$10.00']

A real dollar sign

At least one
or more

At least one
Or more
At least one
At least one
At least one
Or more
At least one
At least one
Or more
At least one
At least one
Or more
At
```