









Dictionaries have lots of built-in methods, or functions:

>>> d = {1996: 'Rat	', 1997: 'Ox'}	
>>> 1996 in d	>>> 1969 <u>in</u> d	in checks if a
True	False	key is present
>>> len (d) len re the # o		
>>> list(d.keys()) [ 1996, 1997 ]	d.keys returns a list of all keys	
<pre>&gt;&gt;&gt; list(d.values(   [ 'Rat', 'Ox' ]</pre>	)) d.values returns a list of all keys	
<pre>&gt;&gt;&gt; list(d.items() [ (1996, 'Rat'), (</pre>	-	d.items returns a list of all key, value <b>pairs</b> 6



## Vocabularists?

Shakespeare used *31,534 different words* and a grand total of 884,647 words counting repetitions (across his works)

Active vocabulary estimates range from 10,000-60,000. Passive vocabulary estimates are much higher.

Many Shakespearean contributions:

Adjectives:		Shakespeare
aerial	auspicious	baseless
beached	bloodstained	blushing
<b>circumstantial</b>	consanguineous	deafening
disgraceful	domineering	enrapt
epileptic	equivocal	eventful
fashionable	foregone	frugal
generous	gloomy	gnarled

One contemporary author in the Oxford Eng. Dictionary... which word?

## Vocabularists?

Shakespeare used *31,534 different words* and an estimated vocabulary of 66,534 words (across his works) http://tottke.org/1004/how-many-words-did-shakespeare-know

Average English speaker knows 10,000 to 20,000 words.

