# FOR PATTERN MATCHING

>>> **from** pytrie **import** SortedStringTrie **as** Trie

>>> t = Trie**(**an=0**,** ant=1**,** all=2**,** allot=3**,** alloy=4**,** aloe=5**,** are=6**,** be=7**)**

>>> t

SortedStringTrie({'all': 2, 'allot': 3, 'alloy': 4, 'aloe': 5, 'an': 0, 'ant': 1, 'are': 6, 'be': 7})

>>> t.keys**(**prefix='al'**)**

['all', 'allot', 'alloy', 'aloe']

>>> t.items**(**prefix='an'**)**

[('an', 0), ('ant', 1)]

>>> t.longest\_prefix**(**'antonym'**)**

'ant'

>>> t.longest\_prefix\_item**(**'allstar'**)**

('all', 2)

>>> t.longest\_prefix\_value**(**'area'**,** default='N/A'**)**

6

>>> t.longest\_prefix**(**'alsa'**)**

**Traceback (most recent call last):**

...

KeyError

>>> t.longest\_prefix\_value**(**'alsa'**,** default=-1**)**

-1

>>> list**(**t.iter\_prefixes**(**'allotment'**))**

['all', 'allot']

>>> list**(**t.iter\_prefix\_items**(**'antonym'**))**

[('an', 0), ('ant', 1)]