

Table 13.7 Match Object Attributes and Methods

Syntax	Description
<code>m.end(g)</code>	Returns the end position of the match in the text for group <i>g</i> if given (or for group 0, the whole match); returns -1 if the group did not participate in the match
<code>m.endpos</code>	The search's end position (the end of the text or the end given to <code>match()</code> or <code>search()</code> )
<code>m.expand(s)</code>	Returns string <i>s</i> with capture markers ( <code>\1</code> , <code>\2</code> , <code>\g&lt;name&gt;</code> , and similar) replaced by the corresponding captures
<code>m.group(g, ...)</code>	Returns the numbered or named capture group <i>g</i> ; if more than one is given a tuple of corresponding capture groups is returned (the whole match is group 0)
<code>m.groupdict(default)</code>	Returns a dictionary of all the named capture groups with the names as keys and the captures as values; if a <i>default</i> is given this is the value used for capture groups that did not participate in the match
<code>m.groups(default)</code>	Returns a tuple of all the capture groups starting from 1; if a <i>default</i> is given this is the value used for capture groups that did not participate in the match
<code>m.lastgroup</code>	The name of the highest numbered capturing group that matched or <code>None</code> if there isn't one or if no names are used
<code>m.lastindex</code>	The number of the highest capturing group that matched or <code>None</code> if there isn't one
<code>m.pos</code>	The start position to look from (the start of the text or the <i>start</i> given to <code>match()</code> or <code>search()</code> )
<code>m.re</code>	The regex object which produced this match object
<code>m.span(g)</code>	Returns the start and end positions of the match in the text for group <i>g</i> if given (or for group 0, the whole match); returns (-1, -1) if the group did not participate in the match
<code>m.start(g)</code>	Returns the start position of the match in the text for group <i>g</i> if given (or for group 0, the whole match); returns -1 if the group did not participate in the match
<code>m.string</code>	The string that was passed to <code>match()</code> or <code>search()</code>

```
name = re.sub(r"(?P<forenames>\w+\.(?:\s+\w+\.(?)*)"
              r"\s+(?P<surname>\w+)",
              r"\g<surname>, \g<forenames>", name)
```

changed the forenames part of the regex (the first line). The first