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Concatenate two string variables in Python's Tornado framework

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I've been reviewing the Tornado API and I can't figure out how to concatenate two strings, where one is typed, and one is a variable. Tornado does not seem to inherit from Jinja2/Django templates.

The end goal is to use a dynamically generated variable as a GET request attribute. I could use a form with a hidden variable, but there are hundreds of generated values to be rendered at the same time.

I've included one example as a proof of work, but I've also tried examples using Django/Jinja2 templates. Any suggestions?

```
<div class="row">
  <div class="small-6 columns">
    <table>
      <th>Name</th>
      <th>Broken</th>
      <th>Placed</th>
      <th>Kills</th>
      <th>Deaths</th>
      {% for player in players %}
        <tr>
          <td><a href='/players/' + {{ player.player }}>{{player.player}}
          <td><a href="#">{{player.blocks_broken}}</a></td>
          <td><a href="#">{{player.blocks_placed}}</a></td>
          <td><a href="#">{{player.kills}}</a></td>
          <td><a href="#">{{player.deaths}}</a></td>
        </tr>
      {% end %}
    </table>
  </div>
</div>
```

This results in the following URL: `localhost:8888/players`

The desired output is: `localhost:8888/players/bob`

[python](#) [templates](#) [web](#) [tornado](#) [jinja2](#)

asked Apr 30 '14 at 22:25



user1260503

1 Answer

Why not just have that line read as:

```
<td><a href='/players/{{ player.player }}'>{{player.player}}</a></td>
```

No concatenation required, it'll be constructed before it hits the browser.

answered Apr 30 '14 at 22:30



Sunny Patel

2,290 1 7 26

You can also do this by putting the concatenation inside the expression: `href="{{ ' /players/' + player.player }}"` – Ben Damell Apr 30 '14 at 22:53

I honestly can't believe that I didn't think to try this. Thanks! Ben, I've noticed that you're the development lead for Tornado. Is there an official forum for Tornado related questions? – user1260503 May 1 '14 at 1:02

