HOW TO TEMPLATE LANGUAGE

# Tags:

* **{{ expression }}**

Any valid python expression can be put inside the double squiggly brackets

Example:

<h1> {{person.name}}’s profile </h1>

Would return ‘Smerity’s profile’ in the format of h1 on the page, if person.name is ‘Smerity’

* **{% include path %}**

It is used to include another template file in the place of the tag

Example:

{% include header.html %}

When rendered, the tag above would be replaced by all the coding in header.html

* **{% if predicate %} X {% end if %}**

If the predicate is true, X will be evaluated, in this case X will just be printed on the page

# Html example (all special things are highlighted ):

{% include header.html %}

<section id = profile’>

<h1> {{ person.name }} </h1>

{% if len(p.friends)%}

<p> you have{{ len(p.friends) }} friend

{if len{p.friends) != 1%}

s

{% end if %} </p>

{% else %} <p> You have no friends lol </p>

(% end if %}

</section>

{% include footer.html %}

#Note: all none special things (not highlighted) is just normal html

##Note: the else function isn’t done yet as of 4pm, 12th of Jan

###Note: **ALWAYS** put a space before and after the tags! {% if gender == ‘M %}

# Python example

def name\_of\_function(response):

context = { 'name':'Smerity', 'friends':[ ‘Ruby’,’Alision’,’Lucy’,’Asem’,’Ted’,’Casper’], 'logged\_in': True}

response.write (render ('template/workshop\_example.html', context ))

Notes: context is a dictionary you must create to store all the variables which will be used for the webpage, the dictionary values will probably come from the database

Render() is a function for re-creating the code via the template engine, the first argument is the location of the html file you are reading from (e.g. ‘template/nyan\_cat.html’) the second argument refers to the context dictionary mentioned above

Things highlighted yellow are variables, everything not highlighted is **required syntax**