QS-TEX: Basic guide

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1 Syntax

The basic syntax is:

```
<!script=lang:action={}>
....code...
output(TeX_String_To_Print)
</!script>
```

which can be placed anywhere in you LaTeX document (with **!script** replaced with **script**). The output() is outputted at the same place the code lies in your document. At the momentum the only language it supports is python2.7 with lang=py - there are plans to add more. For example:

```
1  <script=py:action={}>
2  text='Hello World'
3  output(scrinc('HF')+"output: "+text)
4  </script>
```

output: Hello World

Here the scrinc ('HF') is a command to inculde the script along with the header and footer (<script...> ... </script>).

2 Script Continued

Sometimes you may want a script in one part of your document to continue in another. To do this you can use the action !!sid=some_id!! e.g.

```
1  <script=py:action={!!sid=1!!}>
2  a=1
3  output(scrinc('HF'))
4  </script>
```

```
1  <script=py:action={!!sid=2!!}>
2  a=2
3  output(scrinc('HF'))
4  </script>
```

```
1  <script=py:action={!!sid=1!!}>
2  output(scrinc('HF')+"output: "+str(a
       ))
3  </script>
```

output: 1

```
1  <script=py:action={!!sid=2!!}>
2  output(scrinc('HF')+"output: "+str(a
       ))
3  </script>
```

output: 2