

QS-TEX: Basic guide

September 3, 2017

1 Syntax

The basic syntax is:

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

which can be placed anywhere in your LaTeX document (with `**!script**` replaced with `**script**`). The `output()` is outputted at the same place the code lies in your document. For example:

```
1 <script=python2.7:action={}>
2 text='Hello World'
3 output(scrinc('HF')+ "output: "+text)
4 </script>
```

output: Hello World

Here the `scrinc('HF')` is a command to include the script along with the header and footer (`<script...>` ... `</script>`). The currently allowed languages are

Lanugage	lang
python 2.7	python2.7
R	R

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=python2.7:action={!!sid=1!!}>
2 a=1
3 output(scrinc('HF'))
4 </script>
```

```
1 <script=python2.7:action={!!sid=2!!}>
2 a=2
3 output(scrinc('HF'))
4 </script>
```

```
1 <script=python2.7:action={!!sid=1!!}>
2 output(scrinc('HF')+ "output: "+str(a))
3 </script>
```

output: 1

```
1 <script=python2.7:action={!!sid=2!!}>
2 output(scrinc('HF')+ "output: "+str(a))
3 </script>
```

output: 2