

Test file

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# 1 Abstract

This file contains test for QS-TEX. It may also be useful as a reference of examples.

## 2 python2.7

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

Hello World! From python2.7

### 2.1 Script Continuation

```
1 <script=python2.7:action={!!sid=py1!!}>
2 test="Hello World! From python2.7"
3 output(scrinc("HF"))
4 </script>
```

Normal text.

```
1 <script=python2.7:action={!!sid=py1!!}>
2 output(scrinc("HF")+test)
3 </script>
```

Hello World! From python2.7

## 3 bash

```
1 <script=bash:action={}>
2 test="Hello World! From bash"
3 output "$(scrinc "HF")"$test
4 </script>
```

Hello World! From bash

### 3.1 Script Continuation

```
1 <script=bash:action={!!sid=ba1!!}>
2 test="Hello World! From bash"
3 output "$(scrinc "HF")"
4 </script>
```

Normal text.

```
1 <script=bash:action={!!sid=ba1!!}>
2 output "$(scrinc "HF")"$test
3 </script>
```

Hello World! From bash

## 4 R

```
1 <script=R:action={}>
2 test="Hello World! From R"
3 output(paste(scrinc("HF"),test,sep=' '))
4 </script>
```

Hello World! From R

### 4.1 Script Continuation

```
1 <script=R:action={!!sid=R1!!}>
2 test="Hello World! From R"
3 output(scrinc("HF"))
4 </script>
```

Normal text.

```
1 <script=R:action={!!sid=R1!!}>
2 output(paste(scrinc("HF"),test,sep=' '))
3 </script>
```

Hello World! From R

## 5 c

```
1 <script=c:action={}>
2 #include <stdlib.h>
3 #include <string.h>
4 void main(){
5 char* test = "Hello World! From c";
6 char* temp = malloc(strlen(scrinc("HF"))+
7     strlen(test));
8 strcpy(temp,scrinc("HF"));
9 strcat(temp,test);
10 output( temp );
11 </script>
```

Hello World! From c

### 5.1 Script Continuation

```
1 <script=c:action={!!sid=c1!!}>
2 #include <stdlib.h>
3 #include <string.h>
4 void main(){
5 char* test = "Hello World! From c";
6 output( scrinc("HF") );
7 </script>
```

Normal text.

```
1 <script=c:action={!!sid=c1!!}>
2 char* temp = malloc(strlen(scrinc("HF"))+
3     strlen(test));
4 strcpy(temp,scrinc("HF"));
5 strcat(temp,test);
6 output( temp );
7 </script>
```

Hello World! From c

## 6 Miscellaneous

### 6.1 Pre-defining Scripts

Writing

```
1 !!(!) !s={<(!)script=python2.7:action={!!
    sid=PDS!!}>}!!!
```

(with (!) removed) Using <s(!)>...</s(!)> instead of the above:

```
1 test="Hello world! From python2.7"
2 output(scrinc())
```

Normal text.

```
1 output(scrinc()+test)
```

Hello world! From python2.7