

Python os.popen() Method

Description

Python method **popen()** opens a pipe to or from command. The return value is an open file object connected to the pipe, which can be read or written depending on whether mode is 'r' (default) or 'w'. The bufsize argument has the same meaning as in **open()** function.

Syntax

Following is the syntax for **popen()** method –

```
os.popen(command[, mode[, bufsize]])
```

Parameters

- **command** – This is command used.
- **mode** – This is the Mode can be 'r'(default) or 'w'.
- **bufsize** – If the buffering value is set to 0, no buffering will take place. If the buffering value is 1, line buffering will be performed while accessing a file. If you specify the buffering value as an integer greater than 1, then buffering action will be performed with the indicated buffer size. If negative, the buffer size is the system default(default behavior).

Return Value

This method returns an open file object connected to the pipe.

Example

The following example shows the usage of popen() method.

```
# !/usr/bin/python

import os, sys

# using command mkdir
a = 'mkdir nwdir'

b = os.popen(a, 'r', 1)
```

```
print b
```

When we run above program, it produces following result –

```
open file 'mkdir nwdir', mode 'r' at 0x81614d0
```