

Source a Function in KSH93

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Ksh93 allows you to source a file or a function into local scope. Other shells support sourcing a file but *ksh93* is the only shell that I am aware of that allows you to also invoke a function with the source command.

From the KSH93 manpage:

```
. name [ arg ... ]
  If name is a function defined with the function name reserved
  word syntax, the function is executed in the current environment
  (as if it had been defined with the name() syntax.) Otherwise
  if name refers to a file, the file is read in its entirety and
  the commands are executed in the current shell environment. The
  search path specified by PATH is used to find the directory con-
  taining the file. If any arguments arg are given, they become
  the positional parameters while processing the . command and
  the original positional parameters are restored upon completion.
  Otherwise the positional parameters are unchanged. The exit
  status is the exit status of the last command executed.
```

Here is a simple shell script which demonstrates the functionality:

```
#!/bin/ksh

{
  printf "Function testme invoked\n"
  var=testme
}

. testme
echo $var

exit 0
```