

:mod:`getpass` --- Portable password input

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library]getpass.rst, line 1); [backlink](#)

Unknown interpreted text role "mod".

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library]getpass.rst, line 4)

Unknown directive type "module".

```
.. module:: getpass
   :synopsis: Portable reading of passwords and retrieval of the userid.
```

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Unknown directive type "moduleauthor".

```
.. moduleauthor:: Piers Lauder <piers@cs.su.oz.au>
```

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Unknown directive type "sectionauthor".

```
.. sectionauthor:: Fred L. Drake, Jr. <fdrake@acm.org>
```

Source code: `:source:`Lib/getpass.py``

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Unknown interpreted text role "source".

The `:mod:`getpass`` module provides two functions:

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Unknown interpreted text role "mod".

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Unknown directive type "function".

```
.. function:: getpass(prompt='Password: ', stream=None)
```

Prompt the user for a password without echoing. The user is prompted using the string `*prompt*`, which defaults to ```'Password: '```. On Unix, the prompt is written to the file-like object `*stream*` using the replace error handler if needed. `*stream*` defaults to the controlling terminal (`:file:`/dev/tty``) or if that is unavailable to ```sys.stderr``` (this argument is ignored on Windows).

If echo free input is unavailable `getpass()` falls back to printing a warning message to `*stream*` and reading from ```sys.stdin``` and issuing a `:exc:`GetPassWarning``.

```
.. note::
   If you call getpass from within IDLE, the input may be done in the
   terminal you launched IDLE from rather than the idle window itself.
```

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Unknown directive type "exception".

```
.. exception:: GetPassWarning
```

```
A :exc:`UserWarning` subclass issued when password input may be echoed.
```

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Unknown directive type "function".

```
.. function:: getuser()
```

```
Return the "login name" of the user.
```

```
This function checks the environment variables :envvar:`LOGNAME`,  
:envvar:`USER`, :envvar:`LNAME` and :envvar:`USERNAME`, in order, and  
returns the value of the first one which is set to a non-empty string. If  
none are set, the login name from the password database is returned on  
systems which support the :mod:`pwd` module, otherwise, an exception is  
raised.
```

```
In general, this function should be preferred over :func:`os.getlogin()`.
```