

# :mod:`grp` --- The group database

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

Unknown directive type "module".

```
.. module:: grp
   :platform: Unix
   :synopsis: The group database (getgrnam() and friends).
```

This module provides access to the Unix group database. It is available on all Unix versions.

Group database entries are reported as a tuple-like object, whose attributes correspond to the members of the `group` structure (Attribute field below, see `<grp.h>`):

Index	Attribute	Meaning
0	<code>gr_name</code>	the name of the group
1	<code>gr_passwd</code>	the (encrypted) group password; often empty
2	<code>gr_gid</code>	the numerical group ID
3	<code>gr_mem</code>	all the group member's user names

The `gid` is an integer, name and password are strings, and the member list is a list of strings. (Note that most users are not explicitly listed as members of the group they are in according to the password database. Check both databases to get complete membership information. Also note that a `gr_name` that starts with a `+` or `-` is likely to be a YP/NIS reference and may not be accessible via `:func:`getgmam`` or `:func:`getgrgid``.)

**System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\ (cpython-main) (Doc) (library) grp.rst, line 31); [backlink](#)**

Unknown interpreted text role "func".

**System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\ (cpython-main) (Doc) (library) grp.rst, line 31); [backlink](#)**

Unknown interpreted text role "func".

It defines the following items:

**System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\ (cpython-main) (Doc) (library) grp.rst, line 41)**

Unknown directive type "function".

```
.. function:: getgrgid(gid)

   Return the group database entry for the given numeric group ID. :exc:`KeyError`
   is raised if the entry asked for cannot be found.

.. deprecated:: 3.6
   Since Python 3.6 the support of non-integer arguments like floats or
   strings in :func:`getgrgid` is deprecated.
```

**System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\ (cpython-main) (Doc) (library) grp.rst, line 50)**

Unknown directive type "function".

```
.. function:: getgrnam(name)

   Return the group database entry for the given group name. :exc:`KeyError` is
```

raised if the entry asked for cannot be found.

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Unknown directive type "function".

```
.. function:: getgrall()
```

Return a list of all available group entries, in arbitrary order.

**System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\ (cpython-main) (Doc) (library)grp.rst, line 61)**

Unknown directive type "seealso".

```
.. seealso::
```

```
Module :mod:`pwd`
```

An interface to the user database, similar to this.

```
Module :mod:`spwd`
```

An interface to the shadow password database, similar to this.