:mod:`nis` --- Interface to Sun's NIS (Yellow Pages)

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main][Doc][library]nis.rst**, line 2);** *backlink*

Unknown interpreted text role "mod".

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main][Doc][library]nis.rst**, line 5)**

Unknown directive type "module".

```
.. module:: nis
   :platform: Unix
   :synopsis: Interface to Sun's NIS (Yellow Pages) library.
   :deprecated:
```

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main][Doc][library]nis.rst**, line 10)**

Unknown directive type "moduleauthor".

```
.. moduleauthor:: Fred Gansevles <Fred.Gansevles@cs.utwente.nl>
```

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main][Doc][library]nis.rst**, line 11)**

Unknown directive type "sectionauthor".

```
.. sectionauthor:: Moshe Zadka <moshez@zadka.site.co.il>
```

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main][Doc][library]nis.rst**, line 13)**

Unknown directive type "deprecated".

```
.. deprecated:: 3.11
   The :mod:`nis` module is deprecated (see :pep:`594` for details).
```

The :mod:`nis` module gives a thin wrapper around the NIS library, useful for central administration of several hosts.

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Unknown interpreted text role "mod".

Because NIS exists only on Unix systems, this module is only available for Unix.

The :mod:`nis` module defines the following functions:

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Unknown interpreted text role "mod".

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main][Doc][library]nis.rst**, line 26)**

Unknown directive type "function".

```
.. function:: match(key, mapname, domain=default_domain)

   Return the match for *key* in map *mapname*, or raise an error
   (:exc:`nis.error`) if there is none. Both should be strings, *key* is 8-bit
```

clean. Return value is an arbitrary array of bytes (may contain ``NULL`` and
other joys).

Note that *mapname* is first checked if it is an alias to another name.

The *domain* argument allows overriding the NIS domain used for the lookup. If
unspecified, lookup is in the default NIS domain.

```
.. function:: cat(mapname, domain=default_domain)
```

Return a dictionary mapping *key* to *value* such that ``match(key,
mapname)==value``. Note that both keys and values of the dictionary are
arbitrary arrays of bytes.

Note that *mapname* is first checked if it is an alias to another name.

The *domain* argument allows overriding the NIS domain used for the lookup. If
unspecified, lookup is in the default NIS domain.

```
.. function:: maps(domain=default_domain)
```

Return a list of all valid maps.

The *domain* argument allows overriding the NIS domain used for the lookup. If
unspecified, lookup is in the default NIS domain.

```
.. function:: get_default_domain()
```

Return the system default NIS domain.

The :mod:`nis` module defines the following exception:

```
.. exception:: error
```

An error raised when a NIS function returns an error code.