: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.

System Message: ERROR/3 (`D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\(cpython-main)(Doc)(library)nis.rst`, **line 18**); *backlink*

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:

System Message: ERROR/3 (`D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\(cpython-main)(Doc)(library)nis.rst`, **line 23**); *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 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.

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\(cpython-main)(Doc)(library)nis.rst, line 39)

Unknown directive type "function".

```
.. 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.
```

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\(cpython-main)(Doc)(library)nis.rst, line 51)

Unknown directive type "function".

```
.. 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.
```

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\(cpython-main)(Doc)(library)nis.rst, line 59)

Unknown directive type "function".

```
.. function:: get_default_domain()

   Return the system default NIS domain.
```

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

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\(cpython-main)(Doc)(library)nis.rst, line 64); *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 66)

Unknown directive type "exception".

```
.. exception:: error

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