Data Types

The modules described in this chapter provide a variety of specialized data types such as dates and times, fixed-type arrays, heap queues, double-ended queues, and enumerations.

Python also provides some built-in data types, in particular, :class:`dict`, :class:`list`, :class:`set` and :class:`frozenset`, and :class:`tuple`. The :class:`str` class is used to hold Unicode strings, and the :class:`bytes` and :class:`bytearray` classes are used to hold binary data.

> **System Message: ERROR/3** (`D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main][Doc][library]datatypes.rst`, **line 11**); *backlink*
>
> Unknown interpreted text role "class".

> **System Message: ERROR/3** (`D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main][Doc][library]datatypes.rst`, **line 11**); *backlink*
>
> Unknown interpreted text role "class".

> **System Message: ERROR/3** (`D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main][Doc][library]datatypes.rst`, **line 11**); *backlink*
>
> Unknown interpreted text role "class".

> **System Message: ERROR/3** (`D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main][Doc][library]datatypes.rst`, **line 11**); *backlink*
>
> Unknown interpreted text role "class".

> **System Message: ERROR/3** (`D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main][Doc][library]datatypes.rst`, **line 11**); *backlink*
>
> Unknown interpreted text role "class".

> **System Message: ERROR/3** (`D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main][Doc][library]datatypes.rst`, **line 11**); *backlink*
>
> Unknown interpreted text role "class".

> **System Message: ERROR/3** (`D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main][Doc][library]datatypes.rst`, **line 11**); *backlink*
>
> Unknown interpreted text role "class".

> **System Message: ERROR/3** (`D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main][Doc][library]datatypes.rst`, **line 11**); *backlink*
>
> Unknown interpreted text role "class".

The following modules are documented in this chapter:

> **System Message: ERROR/3** (`D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main][Doc][library]datatypes.rst`, **line 20**)
>
> Unknown directive type "toctree".
>
> ```
> .. toctree::
>
>     datetime.rst
>     zoneinfo.rst
>     calendar.rst
>     collections.rst
>     collections.abc.rst
>     heapq.rst
>     bisect.rst
>     array.rst
> ```

```
weakref.rst
types.rst
copy.rst
pprint.rst
reprlib.rst
enum.rst
graphlib.rst
```