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## 37.8. Mac OS Toolbox Modules¶

There are a set of modules that provide interfaces to various Mac OS toolboxes. If applicable the module will define a number of Python objects for the various structures declared by the toolbox, and operations will be implemented as methods of the object. Other operations will be implemented as functions in the module. Not all operations possible in C will also be possible in Python (callbacks are often a problem), and parameters will occasionally be different in Python (input and output buffers, especially). All methods and functions have a `__doc__` string describing their arguments and return values, and for additional description you are referred to [Inside Macintosh](#) or similar works.

These modules all live in a package called `Carbon`. Despite that name they are not all part of the Carbon framework: CF is really in the CoreFoundation framework and Qt is in the QuickTime framework. The normal use pattern is

```
from Carbon import AE
```

Note

The Carbon modules have been removed in Python 3.0.

### 37.8.1. `Carbon.AE` — Apple Events¶

*Platforms:* Mac

### 37.8.2. `Carbon.AH` — Apple Help¶

*Platforms:* Mac

### 37.8.3. `Carbon.App` — Appearance Manager¶

*Platforms:* Mac

### 37.8.4. `Carbon.Appearance` — Appearance Manager constants¶

*Platforms:* Mac

### 37.8.5. `Carbon.CF` — Core Foundation¶

*Platforms:* Mac

The `CFBase`, `CFArray`, `CFData`, `CFDictionary`, `CFString` and `CFURL` objects are supported, some only partially.

### 37.8.6. `Carbon.CG` — Core Graphics¶

*Platforms:* Mac

### 37.8.7. `Carbon.CarbonEvt` — Carbon Event Manager¶

*Platforms:* Mac

### 37.8.8. `Carbon.CarbonEvents` — Carbon Event Manager constants¶

*Platforms:* Mac

### 37.8.9. `Carbon.Cm` — Component Manager¶

*Platforms:* Mac

### 37.8.10. `Carbon.Components` — Component Manager constants¶

Platforms: Mac

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Platforms: Mac

**37.8.12. Carbon.Controls — Control Manager constants**[¶](#)

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**37.8.15. Carbon.Ctl — Control Manager**[¶](#)

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**37.8.18. Carbon.Drag — Drag and Drop Manager**[¶](#)

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**37.8.19. Carbon.Dragconst — Drag and Drop Manager constants**[¶](#)

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**37.8.20. Carbon.Events — Event Manager constants**[¶](#)

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**37.8.22. Carbon.File — File Manager**[¶](#)

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**37.8.25. Carbon.Folder — Folder Manager**[¶](#)

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**37.8.26. Carbon.Folders — Folder Manager constants**[¶](#)

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### **37.8.27. Carbon.Fonts — Font Manager constants**[¶](#)

*Platforms: Mac*

### **37.8.28. Carbon.Help — Help Manager**[¶](#)

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### **37.8.29. Carbon.IBCarbon — Carbon InterfaceBuilder**[¶](#)

*Platforms: Mac*

### **37.8.30. Carbon.IBCarbonRuntime — Carbon InterfaceBuilder constants**[¶](#)

*Platforms: Mac*

### **37.8.31. Carbon.Icn — Carbon Icon Manager**[¶](#)

*Platforms: Mac*

### **37.8.32. Carbon.Icons — Carbon Icon Manager constants**[¶](#)

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### **37.8.33. Carbon.Launch — Carbon Launch Services**[¶](#)

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### **37.8.37. Carbon.MacHelp — Help Manager constants**[¶](#)

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### **37.8.38. Carbon.MediaDescr — Parsers and generators for Quicktime Media descriptors**[¶](#)

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### **37.8.39. Carbon.Menu — Menu Manager**[¶](#)

*Platforms: Mac*

### **37.8.40. Carbon.Menus — Menu Manager constants**[¶](#)

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### **37.8.41. Carbon.Mlte — MultiLingual Text Editor**[¶](#)

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### **37.8.42. Carbon.OSA — Carbon OSA Interface**[¶](#)

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#### 37.8.44. Carbon.QDOffscreen — QuickDraw Offscreen constants

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#### 37.8.45. Carbon.Qd — QuickDraw

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#### 37.8.46. Carbon.Qdoffs — QuickDraw Offscreen

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#### 37.8.47. Carbon.Qt — QuickTime

Platforms: Mac

#### 37.8.48. Carbon.QuickDraw — QuickDraw constants

Platforms: Mac

#### 37.8.49. Carbon.QuickTime — QuickTime constants

Platforms: Mac

#### 37.8.50. Carbon.Res — Resource Manager and Handles

Platforms: Mac

#### 37.8.51. Carbon.Resources — Resource Manager and Handles constants

Platforms: Mac

#### 37.8.52. Carbon.scrap — Scrap Manager

Platforms: Mac

This module is only fully available on Mac OS 9 and earlier under classic PPC MacPython. Very limited functionality is available under Carbon MacPython.

The Scrap Manager supports the simplest form of cut & paste operations on the Macintosh. It can be use for both inter- and intra-application clipboard operations.

The `Scrap` module provides low-level access to the functions of the Scrap Manager. It contains the following functions:

`Carbon.Scrap.InfoScrap()`

Return current information about the scrap. The information is encoded as a tuple containing the fields (`size`, `handle`, `count`, `state`, `path`).

Field	Meaning
<code>size</code>	Size of the scrap in bytes.
<code>handle</code>	Resource object representing the scrap.
<code>count</code>	Serial number of the scrap contents.
<code>state</code>	Integer; positive if in memory, 0 if on disk, negative if uninitialized.
<code>path</code>	Filename of the scrap when stored on disk.

See also

[Scrap Manager](#)

Apple's documentation for the Scrap Manager gives a lot of useful information about using the Scrap Manager in applications.

#### 37.8.53. Carbon.Snd — Sound Manager

Platforms: Mac

#### 37.8.54. Carbon.Sound — Sound Manager constants

Platforms: Mac

## 37.8.55. Carbon.TE — TextEdit

Platforms: Mac

## 37.8.56. Carbon.TextEdit — TextEdit constants

Platforms: Mac

## 37.8.57. Carbon.Win — Window Manager

Platforms: Mac

## 37.8.58. Carbon.Windows — Window Manager constants

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