

NAME

Perl::OSType - Map Perl operating system names to generic types

VERSION

version 1.009

SYNOPSIS

```
use Perl::OSType ':all';

$current_type = os_type();
$other_type = os_type('dragonfly'); # gives 'Unix'
```

DESCRIPTION

Modules that provide OS-specific behaviors often need to know if the current operating system matches a more generic type of operating systems. For example, 'linux' is a type of 'Unix' operating system and so is 'freebsd'.

This module provides a mapping between an operating system name as given by $\O and a more generic type. The initial version is based on the OS type mappings provided in `Module::Build` and `ExtUtils::CBuilder`. (Thus, Microsoft operating systems are given the type 'Windows' rather than 'Win32'.)

USAGE

No functions are exported by default. The export tag “:all” will export all functions listed below.

os_type()

```
$os_type = os_type();
$os_type = os_type('MSWin32');
```

Returns a single, generic OS type for a given operating system name. With no arguments, returns the OS type for the current value of $\O . If the operating system is not recognized, the function will return the empty string.

is_os_type()

```
$is_windows = is_os_type('Windows');
$is_unix = is_os_type('Unix', 'dragonfly');
```

Given an OS type and OS name, returns true or false if the OS name is of the given type. As with `os_type`, it will use the current operating system as a default if no OS name is provided.

SEE ALSO

- `Devel::CheckOS`

SUPPORT**Bugs / Feature Requests**

Please report any bugs or feature requests through the issue tracker at <https://github.com/Perl-Toolchain-Gang/Perl-OSType/issues>. You will be notified automatically of any progress on your issue.

Source Code

This is open source software. The code repository is available for public review and contribution under the terms of the license.

<https://github.com/Perl-Toolchain-Gang/Perl-OSType>

```
git clone https://github.com/Perl-Toolchain-Gang/Perl-OSType.git
```

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