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# osacompile

Compile AppleScripts and other OSA language scripts.

## Syntax

```
osacompile [-l language] [-e command] [-o name] [-d] [-r type:id]
           [-t type] [-c creator] [-x] [-s] [-u] [-a arch] [file ...]
```

## Example

```
$ osacompile -o myNewApp.app myScript.scpt
```

## Options

-l *language*

Override the language.  
Normally, plain text

-e *command*

Enter one line of  
to the normal source  
up a multi-line script.  
Because most scripts  
(e.g., AppleScript)  
the command will be

-o *name*

Place the output file.  
If -o is not specified

-d Place the resulting

-r *type:id*

Place the resulting  
specified resource

-t *type*

Set the output file  
If this option is  
type is set to 'os

-c *creator*

Set the output file  
ter code. If this  
exist, the creator

-x Save the resulting script as execute only.

-s Stay-open applet. This option is only valid when a new bundled  
applet or droplet is being created.

-u Use startup screen. This option is only valid when a new bundled  
applet or droplet is being created.

-a *arch*

Create the applet or droplet for the specified target architecture  
arch. The allowable values are 'i386' and 'ppc'. By default,  
bundled applets and droplets are created as universal binaries.  
This option is only valid when a new bundled applet or droplet is  
being created.

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If no options are specified, osacompile produces a classic Mac OS format script file, that is, type `osas' (compiled script), creator `ToyS' (Script Editor), with the script data in the scpt:128 resource and nothing in the data fork. This format is compatible with all Mac OS and macOS systems.

If the -o option is specified and the file does not already exist, osacompile uses the filename extension to determine what type of file to create. If the filename ends with `.app', a bundled applet or droplet will be created. (macOS only)

If the filename ends with `.scptd', a bundled compiled script will be created. Otherwise, the resulting script will be placed in the resource fork and/or data fork of the output file depending upon what other options are specified.

The -d and -r options are not exclusive. If exactly one is specified, the script is written only to that fork. If both are specified, the script is written to both forks.

## Examples

Compile demo.scpt into final.app:

```
$ osacompile -o final.app demo.scpt
```

*“Some painters transform the sun*

## Related macOS commands

[osascript](#) - Execute AppleScript.  
[Show hidden files.scpt](#) - Toggle the visibility of hidden files.  
[Introduction to AppleScript](#) - Language and syntax reference.

*lo Picasso*

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