

[Background Tasks](#) / BGProcessingTask

Class

BGProcessingTask

A time-consuming processing task that runs while the app is in the background.

iOS 13.0+ | iPadOS 13.0+ | Mac Catalyst 13.1+ | tvOS 13.0+ | visionOS 1.0+

```
class BGProcessingTask
```

Mentioned in

 [Choosing Background Strategies for Your App](#)

Overview

Use processing tasks for long data updates, processing data, and app maintenance. Although processing tasks can run for minutes, the system can interrupt the process. Add an expiration handler by setting [expirationHandler](#) for any required cleanup.

Executing processing tasks requires setting the processing [UIBackgroundModes](#) capability. For information on setting this capability, see [BGTaskScheduler](#).

Processing tasks run only when the device is idle. The system terminates any background processing tasks running when the user starts using the device. Background refresh tasks aren't affected.

Relationships

Inherits From

BGTask

Inherited By

BGHealthResearchTask

Conforms To

CVarArg

CustomDebugStringConvertible

CustomStringConvertible


Equatable

Hashable

NSObjectProtocol

See Also

Background tasks

 Using background tasks to update your app

Configure your app to perform tasks in the background to make efficient use of processing time and power.

 Refreshing and Maintaining Your App Using Background Tasks

Use scheduled background tasks for refreshing your app content and for performing maintenance.

 Choosing Background Strategies for Your App

Select the best method of scheduling background runtime for your app.

`class BGAppRefreshTask`

An object representing a short task typically used to refresh content that's run while the app is in the background.

`class BGHealthResearchTask`

A time-consuming, necessary processing task that runs while the app is in the background to prepare data essential to a health research study.