

# UICollectionViewDropDelegate

The interface for handling drops in a collection view.

## Declaration

```
protocol UICollectionViewDropDelegate
```

## Overview

Implement this protocol in the object that you use to incorporate dropped data into your collection view. The only required method of this protocol is the `collectionView(_:performDropWith:)` method, but you can implement other methods as needed to customize the drop behavior of your collection view.

Assign your custom delegate object to the `dropDelegate` property of your collection view.

## Topics

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### Declaring Support for Handling Drops

```
func collectionView(UICollectionView, canHandle: UIDropSession) -> Bool
```

Asks your delegate whether the collection view can accept a drop with the specified type of data.

### Incorporating the Dropped Data

```
func collectionView(UICollectionView, performDropWith: UICollectionViewDropCoordinator)
```

Tells your delegate to incorporate the drop data into the collection view.  
**Required.**

## Tracking the Drag Movements

[func collectionView\(UICollectionView, dropSessionDidUpdate: UIDropSession, withDestinationIndexPath: IndexPath?\) -> UICollectionViewDropProposal](#)

Tells your delegate that the position of the dragged data over the collection view changed.

[func collectionView\(UICollectionView, dropSessionDidEnter: UIDropSession\)](#)

Called when dragged content enters the collection view's bounds rectangle.

[func collectionView\(UICollectionView, dropSessionDidExit: UIDropSession\)](#)

Called when dragged content exits the table view's bounds rectangle.

[func collectionView\(UICollectionView, dropSessionDidEnd: UIDropSession\)](#)

Called to notify you when the drag operation ends.

## Instance Methods

[func collectionView\(UICollectionView, dropPreviewParametersForItemAt: IndexPath\) -> UIDragPreviewParameters?](#)

## Relationships

### Inherits From

[NSObjectProtocol](#)