

Protocol

UICollectionViewDragDelegate

The interface for initiating drags from a collection view.

Declaration

```
protocol UICollectionViewDragDelegate
```

Overview

Implement this protocol in the object that you use to initiate drags from your collection view. The only required method of this protocol is the `collectionView(_:itemsForBeginning:at:)` method, but you can implement other methods as needed to customize the drag behavior of your collection view.

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

Topics

Providing the Items to Drag

```
func collectionView(UICollectionView, itemsForBeginning: UIDragSession, at: IndexPath) -> [UIDragItem]
```

Provides the initial set of items (if any) to drag.

Required.

```
func collectionView(UICollectionView, itemsForAddingTo: UIDragSession, at: IndexPath, point: CGPoint) -> [UIDragItem]
```

Adds the specified items to an existing drag session.

Tracking the Drag Session

```
func collectionView(UICollectionView, dragSessionWillBegin: UIDragSession)
```

Called to let you know that a drag session is about to begin for the collection view.

```
func collectionView(UICollectionView, dragSessionDidEnd: UIDragSession)
```

Providing a Custom Preview

```
func collectionView(UICollectionView, dragPreviewParametersForItemAt: IndexPath) -> UIDragPreviewParameters?
```

Returns custom information about how to display the item at the specified location during the drag.

Instance Methods

```
func collectionView(UICollectionView, dragSessionAllowsMoveOperation: UIDragSession) -> Bool
```

```
func collectionView(UICollectionView, dragSessionIsRestrictedToDraggingApplication: UIDragSession) -> Bool
```

Relationships

Inherits From

[NSObjectProtocol](#)