

[Address Book](#) / [ABActionDelegate](#)

ABActionDelegate

Implement an Address Book action plug-in to support the display of rollover menus on top of custom items.

Overview

The ABActionDelegate informal protocol allows you to populate the rollover menus of Address Book with custom items. You do this by implementing an Address Book action plug-in. The plug-in's [Bundle](#) must implement `actionProperty()`, `title(for:identifier:)`, and `performAction(for:identifier:)`.

Each action plug-in can implement only one action. Actions can only apply to items with labels. An action can display a simple window inside the Address Book application; if your action actions needs to do anything else, it should launch your own application to perform the action.

Use Xcode to create Address Book action plug-ins. Place action plug-ins in `~/Library/Address Book Plug-Ins` or `/Library/Address Book Plug-Ins`, depending on the scope you want for the action.

Topics

Performing actions

```
func performAction(for person: ABPerson!, identifier: String!)
```

Sent to the delegate to perform the action.

Querying

```
func actionProperty() -> String!
```

Sent to the delegate to request the property the action applies to.

```
func shouldEnableAction(for person: ABPerson!, identifier: String!) -> Bool
```

Sent to the delegate to determine whether the action should be enabled.

```
func title(for person: ABPerson!, identifier: String!) -> String!
```

Sent to the delegate to request the title of the menu item for the action.