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# 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 perform Action(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.