

# Alert Views



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## Alert Views

- Alert views are an easy way to display concise and informative information to the user.
- The kind of UI that is displayed in a UI Alert Controller is specified by the controller's preferred style when creating the controller
- You customize the UI by identifying what buttons or text fields you want to include

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## Key classes

The primary classes used in an Alert are:

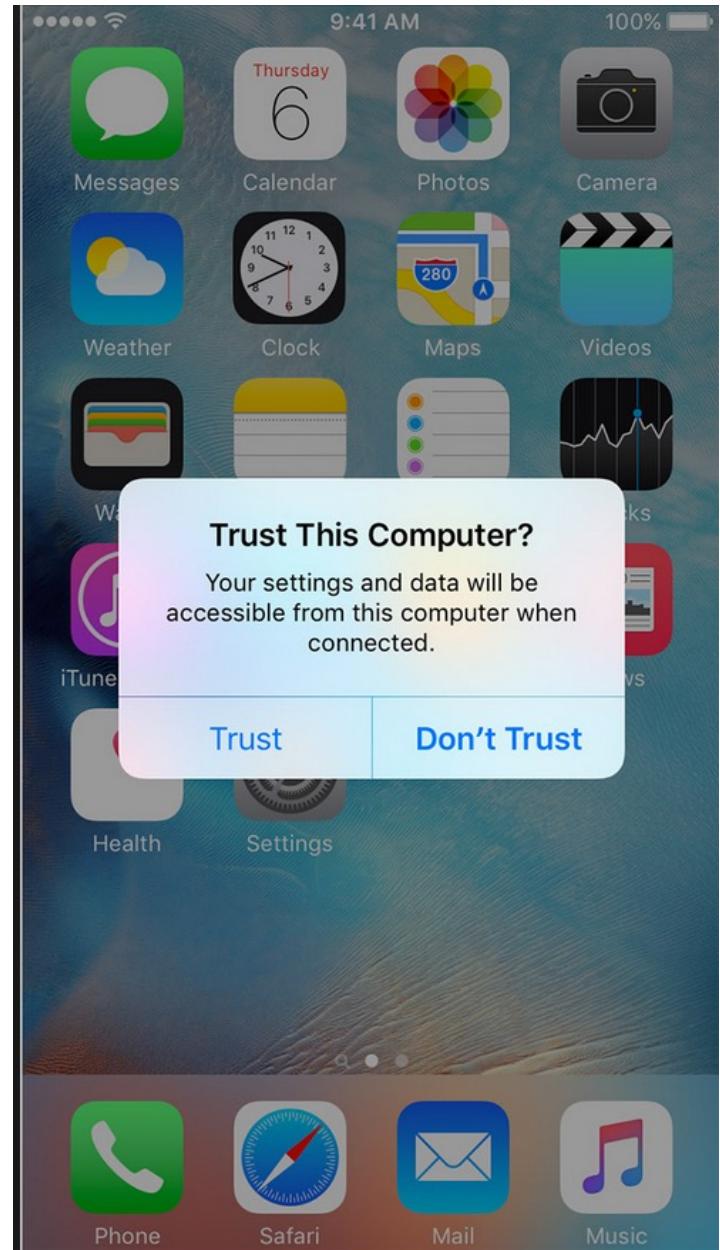
- `UIAlertController`  
is a VC that displays an alert message to the user
- `UIAlertAction`  
represents an action that can be taken when tapping a button in an alert

You create a `UIAlertController` object first, and then add as many `UIAlertAction` objects as needed, typically based on the number of buttons defined.

## UIAlertController Style Settings

*Alert:* a UI that displays over and grays out the current UI.

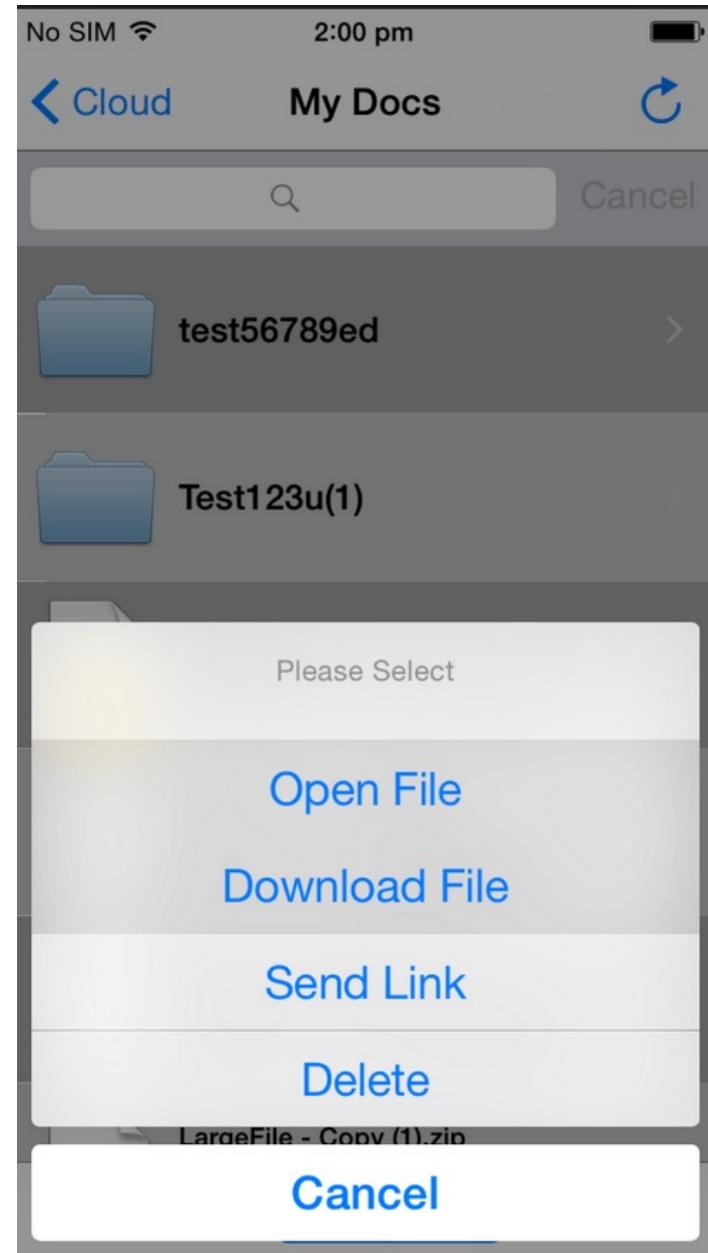
- “Trust” and “Don’t Trust” are the two UIAlertAction objects.



## UIAlertController Style Settings

*Action Sheet:* a UI that slides up from the bottom of the screen and grays out the current UI.

- In this example, there are five UIAlertAction objects.



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## UIAlertAction

- A `UIAlertAction` represents an action that can be taken when tapping a button in an alert
- You use this class to configure information about a single action, including
  - The *title* to display in the button
  - Any *style* information
  - A *handler* to execute when the user taps the button

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## UIAlertAction Style Settings

- ***Default:***

- Apply the default style to the action's button
  - Normal text

- ***Cancel:***

- Apply a style that indicate the action cancels the operation and leaves things unchanged
  - Can only have one of these. (App crashes if you define more than one for a given button)
  - Bold text

- ***Destructive:***

- Apply a style that indicates the action might change or delete data
  - Red text color