



Mobile Engineering

Welcome!

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Delegation

**One Object
Acts on Behalf Of,
Or in Coordination with,
Another Object**

<https://developer.apple.com/library/ios/documentation/General/Conceptual/DevPedia-CocoaCore/Delegation.html>

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Delegation

It's a design pattern that shifts responsibility from one class to another, thereby creating a separation of responsibilities and concerns.

<http://www.andrewcbancroft.com/2015/03/26/what-is-delegation-a-swift-developers-guide/>

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Delegation

In practice, delegation is most often used as a way for one class to communicate to another class.

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Example

UITableViewDelegate

**The table view delegates
the *opportunity to perform some action*
in response to some lifecycle event
to another class — its delegate.**

Customization

UITableViewDelegate

Another example is the ability to *customize the behavior* of certain aspects of the delegating instance.

heightForRowAtIndexPath

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Protocol

Declare the methods expected to be used,,

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