

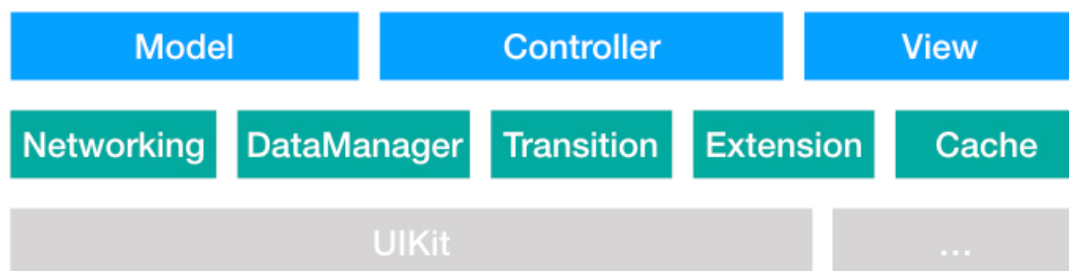
Marvel

iOS exercise for browsing through all characters from Marvel API

Configuration

To use this application, you need public and private API keys for Marvel Comics API. These keys has been filled in info.plist.

Architecture



The application is built up on the MVC pattern with many functional modules like in the above figure.

- Networking & DataManager are used to provide the model data from the backend RESTful service and the local persistent file.
- Cache is used for better performance on loading and caching the various images from the cloud. It'll use the memory and disk for caching at the same time.
- Transition is used for the custom page transition. Now there's a simple effect which resizes the page width. We could fill more effects here in future.
- Extension is some utility methods.
- M·V·C are major user interfaces and logics, such as browse and search the marvel characters, favorite/unfavorite, read the detail of the character.

PS.

It's an interesting exercise which focus more on the basic workflow and many fundamental functions such as networking, caching. Having lots of fun by building it from scratch.