Models and ViewModels

HourForecastVM «Enumeration» WeatherEnum «Enumeration» HotColdEnum

+temperature:String

+ timeLocalized:String

+ weather: Weather Enum

+ Hottest:Bool

+ Coldes:Bool

HourForecast

+temperature:Int

+time:String

+ weather:String

Day

+ forecasts: [HourFourcastVM]

+ Hottest:Forecast

+ Coldest:Forecast

+ append(_ forecast:Forecast)

Singletons

DataManager
+ Days:[Day]
+ refreshDelegate:RefreshTableProtocol
+ zipCode:String
+ setDays()

ZipCodeReader

+ isZipCodeValid(String)->Bool

JsonParser

+ parseData(ANY)->()

+ parseDay(ANY)->Day

+ parseHour(Day,Any)->Hour

WebServiceManagerr

+ RequestData()

+ APIURL:String

UIElements(Views)

HourForcastCollectionViewCell

+ fourcast:HourForecastVM

+ tempLabel:UILabel

+ inkColor:UIColor

+ hour:UILabel

+ SetUpData()

+ SetupInkColor()

DayTableViewCell

+ day:Day

+ collectionView:CollectionView

Protocols

RefreshTableProtocol

+refresh()

DailyForeCastViewContrloller

«Protocol»

RefreshTableProtocol

+ days:[Days]