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/*
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File: SimpleTableViewAppDelegate.m

Abstract: Application delegate that configures the view controller.

Version: 1.8

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```
#import "SimpleTableViewAppDelegate.h"
```

```
#import "RootViewController.h"
```

```
@interface SimpleTableViewAppDelegate ()
@property (nonatomic, copy, readonly) NSArray *list;
@end

@implementation SimpleTableViewAppDelegate

@synthesize window;
@synthesize navigationController;
@synthesize list;

- (void)applicationDidFinishLaunching:(UIApplication *)application {

    // Retrieve the array of known time zone names, then sort the array and set it to be
    the list
    NSArray *timeZones = [NSTimeZone knownTimeZoneNames];
    self.list = [timeZones sortedArrayUsingSelector:@selector
(localizedCaseInsensitiveCompare:)];

    // Create the navigation and view controllers
    RootViewController *rootViewController = [[RootViewController alloc] initWithStyle:
UITableViewControllerStylePlain];
    UINavigationController *aNavigationController = [[UINavigationController alloc]
initWithRootViewController:rootViewController];
    self.navigationController = aNavigationController;
    [aNavigationController release];
    [rootViewController release];

    // Configure and display the window
    [window addSubview:[navigationController view]];
    [window makeKeyAndVisible];
}

- (void)setList:(NSArray *)newList {
    if (list != newList) {
        [list release];
        list = [newList mutableCopy];
    }
}

- (NSUInteger)countOfList {
    return [list count];
}
```

```
- (id)objectInListAtIndex:(NSUInteger)theIndex {
    return [list objectAtIndex:theIndex];
}

- (void)getList:(id *)objsPtr range:(NSRange)range {
    [list getObjects:objsPtr range:range];
}

- (void)insertObject:(id)obj inListAtIndex:(NSUInteger)theIndex {
    [list insertObject:obj atIndex:theIndex];
}

- (void)removeObjectFromListAtIndex:(NSUInteger)theIndex {
    [list removeObjectAtIndex:theIndex];
}

- (void)replaceObjectInListAtIndex:(NSUInteger)theIndex withObject:(id)obj {
    [list replaceObjectAtIndex:theIndex withObject:obj];
}

- (void)dealloc {
    [navigationController release];
    [window release];
    [list release];
    [super dealloc];
}
```

@end