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*// SourcesCollectionViewController.swift*

*// iCatchUpF*

*//*

*// Created by Diego Salas Noain on 7/4/19.*

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*//*

**import** UIKit

**import** os

**private** **let** reuseIdentifier = "Cell"

**class** SourceCell: UICollectionViewCell {

**@IBOutlet** **weak** **var** logoImageView: UIImageView!

**@IBOutlet** **weak** **var** nameLabel: UILabel!

**@IBOutlet** **weak** **var** favoriteImageView: UIImageView!

**func** update(from source: Source) {

logoImageView.setImage(

fromUrlString: source.urlToLogo,

withDefaultImage: "no-image-available",

withErrorImage: "no-image-available")

nameLabel.text = source.name

favoriteImageView.setImage(fromAsset: source.isFavorite ? "favorite-icon-black" : "favorite-icon-border-black")

}

}

**class** SourcesViewController: UICollectionViewController {

**var** sources: [Source] = [Source]()

**var** currentRow = 0

**override** **func** viewDidLoad() {

**super**.viewDidLoad()

NewsApi.getSources(responseHandler: handleResponse,

errorHandler: handleError)

}

**override** **func** viewWillAppear(**\_** animated: Bool) {

**if** sources.count > 0 {

**self**.collectionView.reloadItems(at: [IndexPath(item: currentRow, section: 0)])

}

}

**func** handleResponse(response: SourcesResponse) {

**guard** **let** sources = response.sources **else** {

**self**.sources = [Source]()

**return**

}

**self**.sources = sources

**self**.collectionView.reloadData()

}

**func** handleError(error: Error) {

**let** message = "Error while requesting Sources: \(error.localizedDescription)"

os\_log("%@", message)

}

**override** **func** numberOfSections(in collectionView: UICollectionView) -> Int {

**return** 1

}

**override** **func** collectionView(**\_** collectionView: UICollectionView, numberOfItemsInSection section: Int) -> Int {

**return** sources.count

}

**override** **func** collectionView(**\_** collectionView: UICollectionView, cellForItemAt indexPath: IndexPath) -> UICollectionViewCell {

**let** cell = collectionView.dequeueReusableCell(withReuseIdentifier: reuseIdentifier, for: indexPath) **as**! SourceCell

*// Configure the cell*

cell.update(from: sources[indexPath.row])

**return** cell

}

**override** **func** prepare(for segue: UIStoryboardSegue, sender: **Any**?) {

**if** segue.identifier == "showSource" {

**let** destination = segue.destination **as**! SourceViewController

destination.source = sources[currentRow]

}

}

**override** **func** collectionView(**\_** collectionView: UICollectionView, didSelectItemAt indexPath: IndexPath) {

currentRow = indexPath.item

performSegue(withIdentifier: "showSource", sender: **self**)

}

}