

Networking with NSURLSession

Hands-on Challenges

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Challenge 1: Customizing the Cache

You've seen how to customize settings on the `NSURLSessionConfiguration` before creating an `NSURLSession`.

In this short challenge, you'll customize the `URLCache` property with your own cache values.

That's enough of a hint. Give it a try and read on for the solution.



NSURLCache

In the playground, right below this line:

```
configuration.allowsCellularAccess = false
```

Add the following two lines:

```
configuration.URLCache?.diskCapacity  
configuration.URLCache?.memoryCapacity
```

Run the playground and you'll see that the default cache has a disk capacity of 10 million bytes and a memory capacity of 512 thousand bytes.

<code>configuration.URLCache?.diskCapacity</code>	10000000
<code>configuration.URLCache?.memoryCapacity</code>	512000

You can create a cache with whatever sizes fit your needs, but for this example, you'll keep the default size of the memory cache and reduce the size of the disk cache to 2 million bytes. Right below the lines you just added, add these:

```
let smallCache = NSURLCache(memoryCapacity: 512000,  
                             diskCapacity: 2000000, diskPath: nil)  
configuration.URLCache = smallCache  
configuration.URLCache?.diskCapacity  
configuration.URLCache?.memoryCapacity
```

The first two lines create a new cache and assign it to the `NSURLSessionConfiguration`, and the second two are just there for the playground to show that it worked!

