Piscine iOS Swift - Rush 00

Forum

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Summary: *This document contains the subject for Rush00 of the „Piscine iOS Swift"*
from 42

Contents

Chapter I

Foreword

Here is what wikipedia can tell us about the site 4chan :

4chan, whose name comes from the Japanese Yotsuba Channel, is an anonymous English speaking forum, consisting of a network of image boards, modeled after the popular Japanese sites 2channel (created in 1999 by Hiroyuki Nishimura) and Futaba Channel. It has been online since October 1, 2003.

When it was created, one of the main objectives of 4chan (Yotsuba Channel) was to be a medium for discussions about anime, manga, doujinshi and the whole Japanese culture. However, the topics addressed by the users currently cover a much broader range, mainly due to the diversity of topics covered by the image boards present on the site. The French daily newspaper Le Monde describes it as "the troublemaker of the Web", "particularly controversial" for its functioning without information moderation, while Libération sees it as a site "that rubs shoulders with the worst (racism, homophobia, sexism) and the least worst (Internet meme, Anonymous)" – the latter being born on the site.

In 2012, it surpasses the Futaba Channel in terms of traffic. In the 2014 Alexa Internet ranking, 4chan is 995th worldwide and 492nd in the US.

In September 2015, after the departure of Christopher Poole in January, 4chan is taken over by the creator of 2channel, the Japanese Hiroyuki Nishimura.

Chapter II

General Instructions

- Only this document will serve as reference. Do not trust rumors.

- Read carefully the whole subject before beginning.

- Watch out! This document could potentially change up to an hour before submission.

- This project will be corrected by humans only.

- The document can be relied upon, do not blindly trust the demos which can contain unrequired additions.

- You will have to submit one app every day (except for Day 01) on your git repository, submit the folder of the Xcode project.

- Here it is the official manual of Swift and of Swift Standard Library

- It is forbidden to use other libraries, packages, pods, etc. before Day 07

- Got a question ? Ask your peer on the right. Otherwise, try your peer on the left.

- You can discuss on the Piscine forum of your Intra !

- By Odin, by Thor ! Use your brain !!!

> ⚠ The videos on Intra were produced before Swift 3. Remove the prefix "NS" which you see in front of the class/struct/function in the code in the videos in order to use them in Swift 3.

Intra indicates the date and the hour of closing for your repositories. This date and hour also corresponds to the beginning of the peer-evaluation period for the corresponding piscine day. This peer-evaluation period lasts exactly 24h. After 24h passed, your missing peer grades will be completed with 0.

Chapter III

Introduction

This weekend you have to work in groups to do this rush. Try to work together and share your knowledge to move forward. You can, of course, split the tasks in order to go faster.

You will make a client application for the 42 forum. 42 provides you with an API that allows you (among other things) access to the school forum.

Your application should function globally like all other forums, it should allow consulting messages by topic, creating, deleting and editing messages etc...

Here is the documentation of the API.

You have 2 days to do this rush, so make an application that is functional, ergonomic and pretty !

Chapter IV

Part 1 : Connection

For part 1, your application must contain these features :

- Connecting to the **42 API** with your intranet **username** and **password**.

- Being able to disconnect.

- Viewing the **topics** of the forum with the **dates** and **authors**.

- Viewing the **messages** and **reponses** with the **dates** and **authors**.

Chapter V

Part 2 : Modification

For part 2, your application must contain these features :

- Being able to **add** messages.

- Being able to **edit** messages.

- Being able to **delete** messages.

- Being able to **add** topics.

- Being able to **edit** topics.

- Being able to **delete** topics.