

Postman File Edit View Collection History Window Help

Smack | Build Smack: Succeeded | Today at 12:03 PM

Smack > iPhone 7 Plus

Smack > Smack > Controller > ChannelVC.swift > No Selection Postman

34° 100% Jonny B

Runner Import

Builder Team Library

Jonny B IN SYNC

No Environment

Filter

Collections

History

FoodTruckAPI 6 requests

Mac Chat API 12 requests

POST 1. Auth Register User

POST 2. Auth Login User

POST 3. Add User

GET Find all users

GET Find user by id

PUT Update User by id

DEL Delete User by id

GET Auth Find Me

GET Find user by email

POST Add Channel

GET Find All Channels

GET Find all messages for channel

POST Postman Echo

QuickCount

Find all messages for channel

GET https://chattychatjb.herokuapp.com/v1/message/byChannel/5967ea6ee2d77a0023

Params

Send Save

Headers (1)

Key Value Description

Authorization Bearer eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9....

Body Cookies Headers (8) Tests

Pretty Raw Preview JSON

1 {
2 _id: "5967ea6ee2d77a0023371064",
3 messageBody: "Hey whats up everyone! ",
4 userId: "5967ea6ee2d77a002337105f",
5 channelId: "5967ea6ee2d77a0023371062",
6 userName: "jonnyb",
7 userAvatar: "dark26",
8 userAvatarColor: "[1.0, 0.825681105682885, 0.81724758516125, 1.0]",
9 __v: 0,
10 timeStamp: "2017-07-13T21:49:25.590Z"
11 },
12 {
13 _id: "5967ea6ee2d77a0023371065",
14 messageBody: "Hey Jonny! What's going on?",
15 userId: "5967ea6ee2d77a0023371061",
16 channelId: "5967ea6ee2d77a0023371062",
17 userName: "Emma",
18 userAvatar: "light14",
19 userAvatarColor: "[0.796078431372549, 0.0823529411764706, 0.2, 1]",
20 __v: 0.
21 }

Save Response

ect:

Jonny B

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mLab WELCOME PLANS & PRICING PLAN COMPARISON DOCS & SUPPORT ACCOUNT LOG OUT { user: "jonnyb", account: "BurgoyneInc" }

Home Database: chattychatchat Delete database help

To connect using the mongo shell:
% mongo ds155191.mlab.com:55191/chattychatchat -u <dbuser> -p <dbpassword>

To connect using a driver via the standard MongoDB URI ([what's this?](#)):
mongodb://<dbuser>:<dbpassword>@ds155191.mlab.com:55191/chattychatchat
mongod version: 3.2.14 (MMAPV1)

⚠ Sandbox databases do not have redundancy and therefore are not suitable for production. Visit our guide to [running in production](#) for more info.

Collections Users Stats Backups Tools

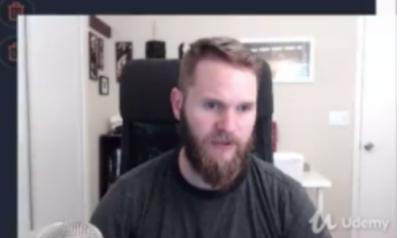
Collections

Delete all collections Add collection

| NAME | DOCUMENTS | CAPPED? | SIZE |
|----------|-----------|---------|----------|
| accounts | 32 | false | 79.47 KB |
| channels | 7 | false | 8.75 KB |
| messages | 7 | false | 10.88 KB |
| users | 14 | false | 11.27 KB |

System Collections Ⓜ

| NAME | DOCUMENTS | SIZE |
|------|-----------|------|
|------|-----------|------|



Safari File Edit View History Bookmarks Develop Window Help

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Bitbucket Devslopes - Dropbox Android Developers SurePay Apple Twitter

All Documents

Display mode: list table (edit table view)

records / page 10 [1 - 7 of 7]

You can also add, edit, and delete individual documents from here. Bulk collection updates are not yet supported in this UI (although they are supported in the shell).

`{ "_id": { "$oid": "5967ea6ee2d77a0023371062" }, "name": "general", "description": "welcome to the water cooler", "__v": 0 }`

`{ "_id": { "$oid": "5967ea80e2d77a0023371063" }, "name": "random", "description": "shootin\u2019 the breeze", "__v": 0 }`

`{ "_id": { "$oid": "59681cbacb40ad00232a16b0" }, "name": "dev", "description": "talk about your development", "__v": 0 }`

`{ "_id": { "$oid": "5969291fe3c97c0023dc9023" }, "name": "Devslopes", "description": "the place to learn to code", "__v": 0 }`

`{ "_id": { "$oid": "59705c850355a90023d891a2" }, "name": "socket test", "description": "sockets are cool", "__v": 0 }`

`{ "_id": { "$oid": "59705e250355a90023d891a3" }, "name": "socket are bomb", "description": "diggity", "__v": 0 }`

`{ "_id": { "$oid": "5970fea13118840023da0a0a" }`

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Postman | File | Edit | View | Collection | History | Window | Help

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Postman

Runner Import

Builder Team Library

Jonny B IN SYNC

Jonny B

No Environment

Find all messages for channel

GET https://chattychatjb.herokuapp.com/v1/message/byChannel/5967ea6ee2d77a002...

Params

Send Save

Examples (0)

Authorization Headers (1) Body Pre-request Script Tests

Key Value Description Bulk Edit Presets

Authorization Bearer eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9....

Body Cookies Headers (8) Tests

Pretty Raw Preview JSON

Status: 200 OK Time: 210 ms Size: 2.34 KB

Save Response

Find all users

POST 1. Auth Register User

POST 2. Auth Login User

POST 3. Add User

GET Find user by id

PUT Update User by Id

DEL Delete User by Id

GET Auth Find Me

GET Find user by email

POST Add Channel

GET Find All Channels

GET Find all messages for channel

All Output

Jonny B

Find all messages for channel

1 {
2 "id": "5967ea6ee2d77a0023371064",
3 "messageBody": "Hey whats up everyone! ",
4 "userId": "5967ea6ee2d77a002337105f",
5 "channelId": "5967ea6ee2d77a0023371062",
6 "userName": "jonnyb",
7 "userAvatar": "dark26",
8 "userAvatarColor": "[1.0, 0.825681105682885, 0.81724758516125, 1.0]",
9 "__v": 0,
10 "timeStamp": "2017-07-13T21:49:25.590Z"
11 },
12 {
13 "id": "5967ea6ee2d77a0023371065",
14 "messageBody": "Hey Jonny! What's going on?",
15 "userId": "5967ea6ee2d77a0023371061",
16 "channelId": "5967ea6ee2d77a0023371062",
17 "userName": "Emma",
18 "userAvatar": "light14",
19 "userAvatarColor": "[0.796078431372549, 0.0823529411764706, 0.2, 1]",
20 "__v": 0.
21 }

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98. Fetching Messages



A screenshot of Xcode showing the code editor for a Swift file named `Message.swift`. The file contains the following code:

```
// Message.swift
// Smack
//
// Created by Jonny B on 7/20/17.
// Copyright © 2017 Jonny B. All rights reserved.

import Foundation

struct Message {
    public private(set) var message: String!
    public private(set) var userName: String!
    public private(set) var channelId: String!
    public private(set) var userAvatar: String!
    public private(set) var userAvatarColor: String!
    public private(set) var id: String!
    public private(set) var timeStamp: String!
}


```

98. Fetching Messages



The screenshot shows a macOS desktop with Xcode open. The project navigation sidebar on the left lists various files and folders: ProfileVC.xib, AddChannelVC.xib, Services (AuthService.swift, UserDataService.swift, MessageService.swift, SocketService.swift), Utilities (Constants.swift), Model (Channel.swift, Message.swift), View (GradientView.swift, RoundedButton.swift, AvatarCell.swift, CircleImage.swift, ChannelCell.swift), Controller (ChatVC.swift, ChannelVC.swift, LoginVC.swift, CreateAccountVC.swift, AvatarPickerVC.swift, ProfileVC.swift, AddChannelVC.swift), Supporting Files (SWRevealViewController.h, SWRevealViewController.m, Smack-Bridging-Header.h, AppDelegate.swift, Main.storyboard, Assets.xcassets, LaunchScreen.storyboard, Info.plist), Products, Pods, and Frameworks. The main editor window displays Constants.swift with the following code:

```
9 import Foundation
10
11 typealias CompletionHandler = (_ Success: Bool) -> ()
12
13 // URL Constants
14 let BASE_URL = "https://chattychatjb.herokuapp.com/v1/"
15 let URL_REGISTER = "\(BASE_URL)account/register"
16 let URL_LOGIN = "\(BASE_URL)account/login"
17 let URL_USER_ADD = "\(BASE_URL)user/add"
18 let URL_USER_BY_EMAIL = "\(BASE_URL)user/byEmail/"
19 let URL_GET_CHANNELS = "\(BASE_URL)channel/"
20 let URL_GET_MESSAGES = "\(BASE_URL)message/byChannel"
21
22 // Colors
23 let smackPurplePlaceholder = □
24
25 // Notification Constants
26 let NOTIF_USER_DATA_DID_CHANGE = Notification.Name("notifUserDataChanged")
27 let NOTIF_CHANNELS_LOADED = Notification.Name("channelsLoaded")
28 let NOTIF_CHANNEL_SELECTED = Notification.Name("chanenlSelected")
29
30 // Segues
31 let TO_LOGIN = "toLogin"
32 let TO_CREATE_ACCOUNT = "toCreateAccount"
33 let UNWIND = "unwindToChannel"
```

The line `let URL_GET_MESSAGES = "\(BASE_URL)message/byChannel"` is highlighted with a red rectangle. The bottom status bar shows the time as 05:17 / 20:01.

98. Fetching Messages

Smack | Build Smack: **Succeeded** | Today at 12:03 PM 34° 100% Jonny B ... 33

```
ProfileVC.xib
AddChannelVC.xib
Services
AuthService.swift
UserDataService.swift
MessageService.swift
SocketService.swift
Utilities
Constants.swift
Model
Channel.swift
Message.swift
View
GradientView.swift
RoundedButton.swift
AvatarCell.swift
CircleImage.swift
ChannelCell.swift
Controller
ChatVC.swift
ChannelVC.swift
LoginVC.swift
CreateAccountVC.swift
AvatarPickerVC.swift
ProfileVC.swift
AddChannelVC.swift
Supporting Files
SWRevealViewController.h
SWRevealViewController.m
Smack-Bridging-Header.h
AppDelegate.swift
Main.storyboard
Assets.xcassets
LaunchScreen.storyboard
Info.plist
Products
Pods
Frameworks
Pods

// MessageService.swift
// Smack
// Created by Jonny B on 7/18/17.
// Copyright © 2017 Jonny B. All rights reserved.

import Foundation
import Alamofire
import SwiftyJSON

class MessageService {

    static let instance = MessageService()

    var channels = [Channel]()
    var messages = [Message]()
    var selectedChannel : Channel?

    func findAllChannel(completion: @escaping CompletionHandler) {
        Alamofire.request(URL_GET_CHANNELS, method: .get, parameters: nil, encoding: JSONEncoding.default, headers: BEARER_HEADER).responseJSON { (response) in
            if response.result.error == nil {
                guard let data = response.data else { return }
                if let json = JSON(data: data).array {
                    for item in json {
                        let name = item["name"].stringValue
                        let channelDescription = item["description"].stringValue
                        let id = item["_id"].stringValue
                        let channel = Channel(channelTitle: name, channelDescription: channelDescription, id: id)
                        self.channels.append(channel)
                    }
                }
            }
        }
    }
}
```

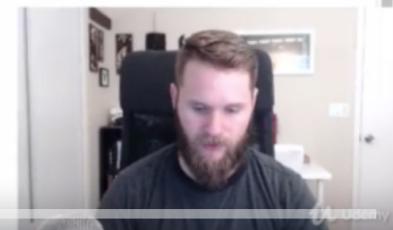


1x 08:05 / 20:01

98. Fetching Messages

Smack | Build Smack: **Succeeded** | Today at 12:03 PM 34° 100% Jonny B ...

```
ProfileVC.xib          38         completion(false)
AddChannelVC.xib        39         debugPrint(response.result.error as Any)
Services
AuthService.swift      40     }
UserDataService.swift   41     }
MessageService.swift    42 }
SocketService.swift     43
Utilities
Constants.swift         44 func findAllMessageForChannel(channelId: String, completion: @escaping CompletionHandler) {
Model
Channel.swift           45     Alamofire.request(URL_GET_MESSAGES, method: .get, parameters: nil, encoding:
Message.swift           46         JSONEncoding.default, headers: BEARER_HEADER).responseJSON { (response) in
View
GradientView.swift       47             if response.result.error == nil {
Controller
ChatVC.swift            48                 completion(true)
ChannelVC.swift          49             } else {
LoginVC.swift            50                 debugPrint(response.result.error as Any)
AvatarCell.swift          51                 completion(false)
CircleImage.swift         52             }
AvatarCell.swift          53         }
CreateAccountVC.swift    54     }
AvatarPickerVC.swift     55     }
ProfileVC.swift          56 }
AddChannelVC.swift        57
func clearMessages() {
    messages.removeAll()
}
func clearChannels() {
    channels.removeAll()
}
```



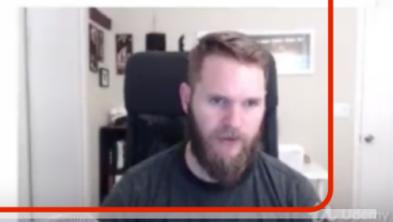
1x 08:42 / 20:01

98. Fetching Messages

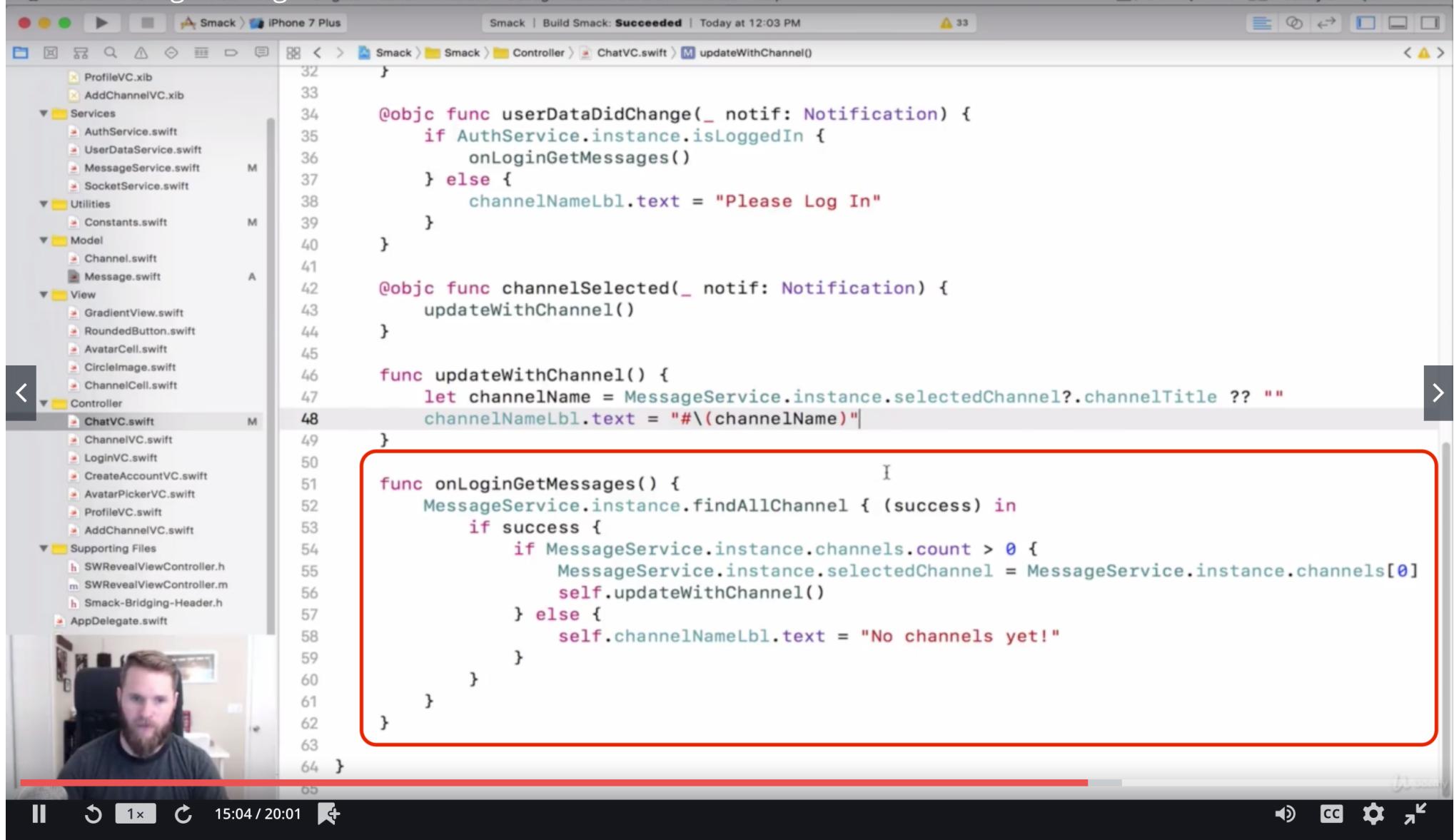
Request URL is wrong. Check at end of pdf

```
func findAllMessageForChannel(channelId: String, completion: @escaping CompletionHandler) {  
    Alamofire.request(URL_GET_MESSAGES, method: .get, parameters: nil, encoding:  
        JSONEncoding.default, headers: BEARER_HEADER).responseJSON { (response) in  
  
        if response.result.error == nil {  
            self.clearMessages()  
            guard let data = response.data else { return }  
            if let json = JSON(data: data).array {  
                for item in json {  
                    let messageBody = item["messageBody"].stringValue  
                    let channelId = item["channelId"].stringValue  
                    let id = item["_id"].stringValue  
                    let userName = item["userName"].stringValue  
                    let userAvatar = item["userAvatar"].stringValue  
                    let userAvatarColor = item["userAvatarColor"].stringValue  
                    let timeStamp = item["timeStamp"].stringValue  
  
                    let message = Message(message: messageBody, userName: userName,  
                        channelId: channelId, userAvatar: userAvatar, userAvatarColor:  
                            userAvatarColor, id: id, timeStamp: timeStamp)  
                    self.messages.append(message)  
                    completion(true)  
                }  
            }  
        } else {  
            debugPrint(response.result.error as Any)  
            completion(false)  
        }  
    }  
}
```

Completion should be out of for loop



98. Fetching Messages

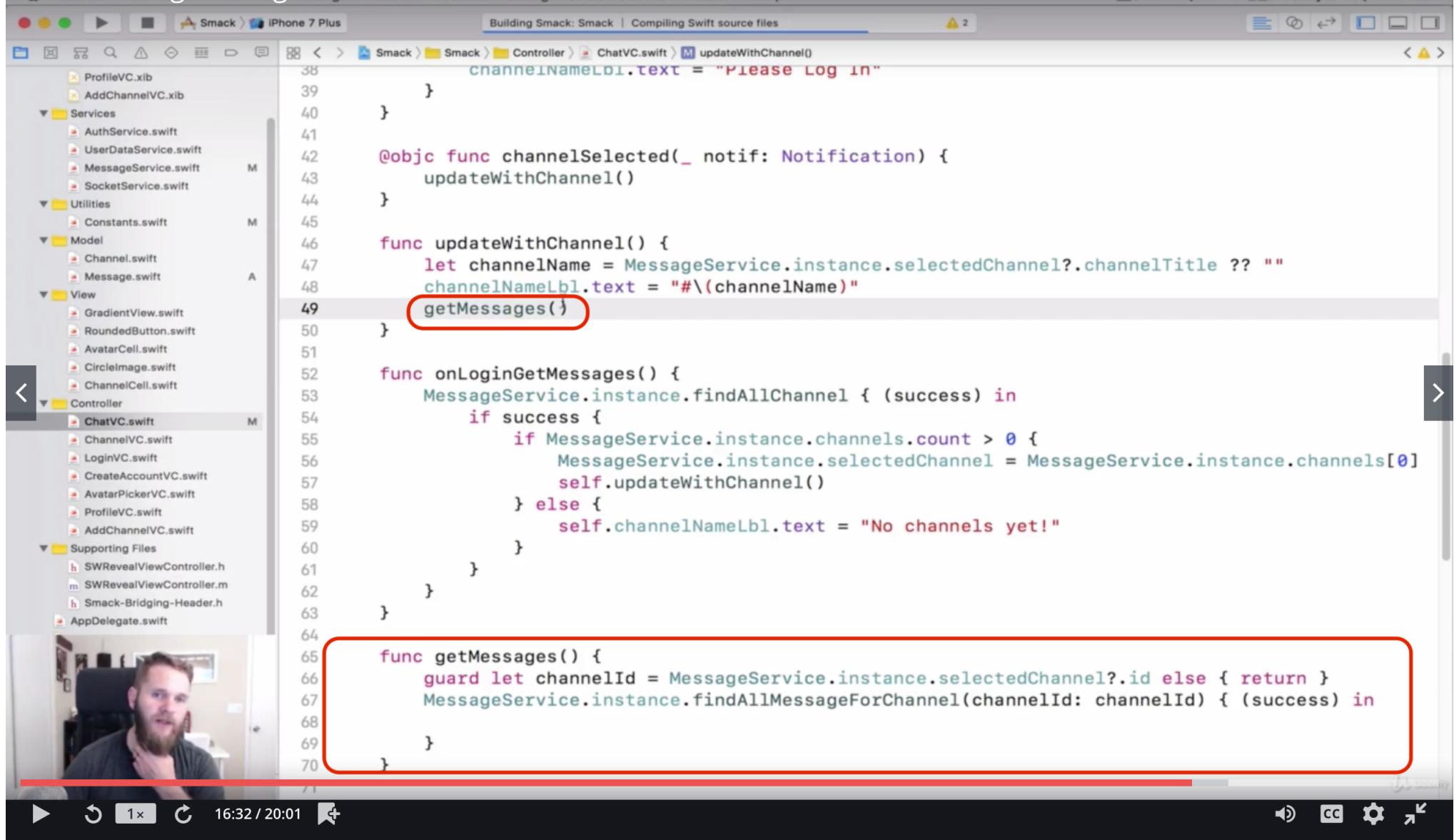


The screenshot shows the Xcode interface with the project navigation bar at the top. The main area displays the `ChatVC.swift` file under the `Smack > Smack > Controller > ChatVC.swift` path. The code implements two notification handlers: `userDataDidChange` and `channelSelected`, and a `updateWithChannel` function. A red box highlights the `onLoginGetMessages` function, which fetches channels from the `MessageService`.

```
32 }
33
34 @objc func userDataDidChange(_ notif: Notification) {
35     if AuthService.instance.isLoggedIn {
36         onLoginGetMessages()
37     } else {
38         channelNameLbl.text = "Please Log In"
39     }
40 }
41
42 @objc func channelSelected(_ notif: Notification) {
43     updateWithChannel()
44 }
45
46 func updateWithChannel() {
47     let channelId = MessageService.instance.selectedChannel?.channelTitle ?? ""
48     channelNameLbl.text = "#\(channelId)"
49 }
50
51 func onLoginGetMessages() {
52     MessageService.instance.findAllChannel { [success] in
53         if success {
54             if MessageService.instance.channels.count > 0 {
55                 MessageService.instance.selectedChannel = MessageService.instance.channels[0]
56                 self.updateWithChannel()
57             } else {
58                 self.channelNameLbl.text = "No channels yet!"
59             }
60         }
61     }
62 }
63
64 }
```

The bottom of the screen shows the Xcode toolbar with various icons for navigation, search, and file operations. The status bar at the bottom indicates the current time as 15:04 / 20:01.

98. Fetching Messages

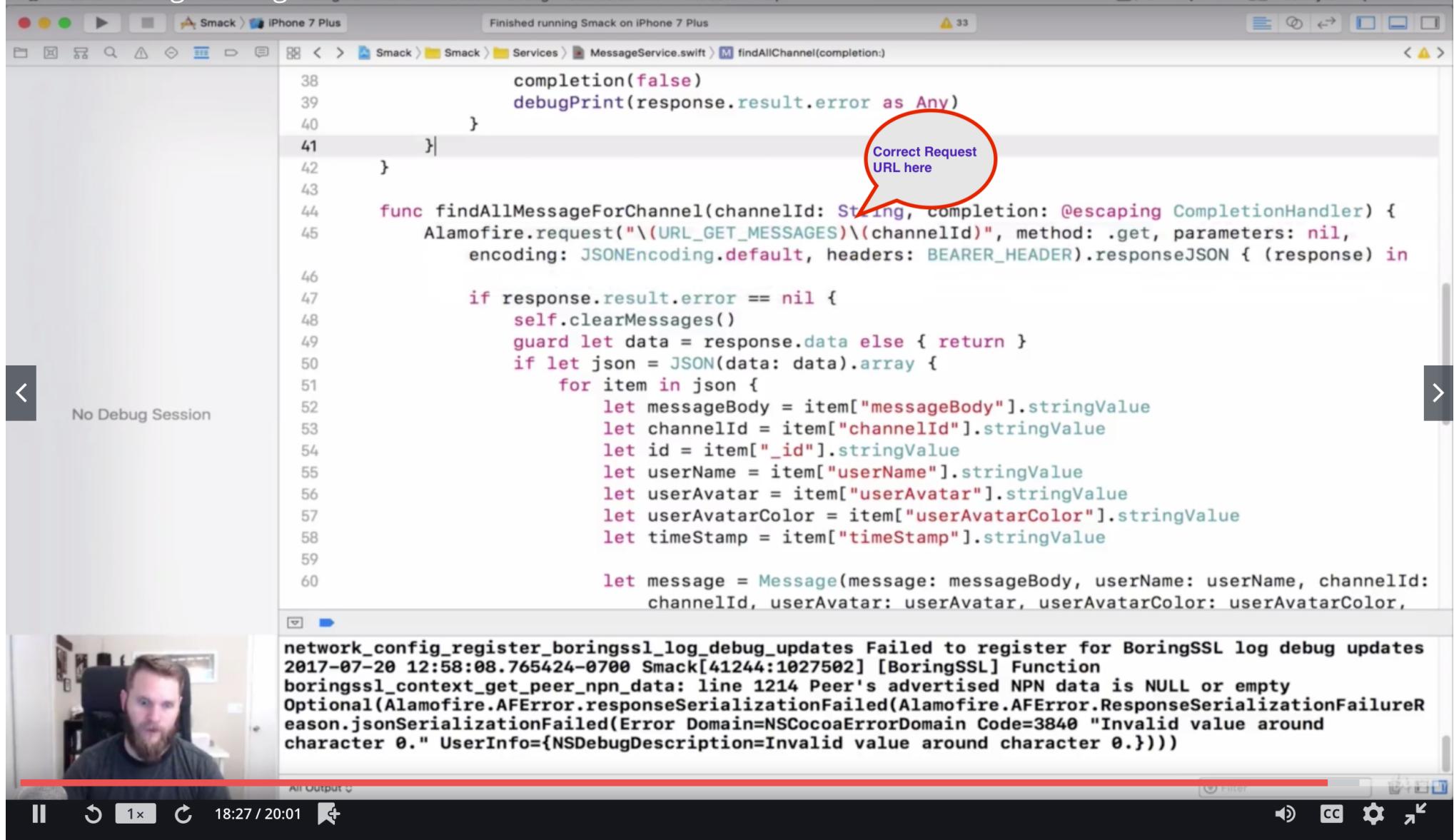


The screenshot shows the Xcode interface with the project navigation bar at the top. The main area displays the `ChatVC.swift` file under the `Smack > Smack > Controller > ChatVC.swift` path. The code is for a messaging application, specifically handling channel selection and message retrieval.

```
Building Smack: Smack | Compiling Swift source files
Smack > Smack > Controller > ChatVC.swift > updateWithChannel()
  38     channelNameLbl.text = "Please Log In"
  39 }
  40 }
  41
  42 @objc func channelSelected(_ notif: Notification) {
  43     updateWithChannel()
  44 }
  45
  46 func updateWithChannel() {
  47     let channelId = MessageService.instance.selectedChannel?.id ?? ""
  48     channelNameLbl.text = "#\(channelId)"
  49     getMessages()
  50 }
  51
  52 func onLoginGetMessages() {
  53     MessageService.instance.findAllChannel { [weak self] success in
  54         if success {
  55             if MessageService.instance.channels.count > 0 {
  56                 MessageService.instance.selectedChannel = MessageService.instance.channels[0]
  57                 self?.updateWithChannel()
  58             } else {
  59                 self?.channelNameLbl.text = "No channels yet!"
  60             }
  61         }
  62     }
  63 }
  64
  65 func getMessages() {
  66     guard let channelId = MessageService.instance.selectedChannel?.id else { return }
  67     MessageService.instance.findAllMessageForChannel(channelId: channelId) { [weak self] success in
  68
  69     }
  70 }
```

A red box highlights the `getMessages()` function, which is called from the `updateWithChannel()` and `onLoginGetMessages()` methods. Another red box highlights the entire `getMessages()` function definition, showing its implementation using `guard let` and `MessageService.instance.findAllMessageForChannel`.

98. Fetching Messages



The screenshot shows an Xcode interface with the following details:

- Top Bar:** Shows "Smack" as the project name and "iPhone 7 Plus" as the target.
- Editor Area:** Displays Swift code for fetching messages from a channel. A red callout bubble points to the URL placeholder in the Alamofire request line, with the text "Correct Request URL here".
- Output Window:** Shows the following error message:

```
network_config_register_boringssl_log_debug_updates Failed to register for BoringSSL log debug updates
2017-07-20 12:58:08.765424-0700 Smack[41244:1027502] [BoringSSL] Function
boringssl_context_get_peer_npn_data: line 1214 Peer's advertised NPN data is NULL or empty
Optional(Alamofire.AFError.responseSerializationFailed(Alamofire.AFError.ResponseSerializationFailureReason.jsonSerializationFailed(Error Domain=NSCocoaErrorDomain Code=3840 "Invalid value around character 0." UserInfo={NSDebugDescription=Invalid value around character 0.}))
```
- Bottom Bar:** Shows playback controls (rewind, play, fast forward), volume, and other system status icons.