

Atom File Edit View Selection Find Packages Window Help

index.js — ~/Documents/mac-chat-api



Project

- mac-chat-api
 - .git
 - src
 - config
 - index.js
 - controller
 - middleware
 - model
 - routes
 - db.js
 - index.js
- .babelrc
- .gitignore
- app.json
- package.json
- README.md

```
index.js
  00      console.log("new channel created");
  01      io.emit("channelCreated", channel.name, channel.description, channel.id);
  02  });
  03};

  //Listens for user typing.
  04 client.on("startType", function(userName, channelId){
  05   console.log("User " + userName + " is writing a message...");
  06   typingUsers[userName] = channelId;
  07   io.emit("userTypingUpdate", typingUsers, channelId);
  08};

  09 client.on("stopType", function(userName){
 10   console.log("User " + userName + " has stopped writing a message...");
 11   delete typingUsers[userName];
 12   io.emit("userTypingUpdate", typingUsers);
 13};

  //Listens for a new chat message
  14 client.on('newMessage', function(messageBody, userId, channelId, userName, userAvatar, userAvatarColor) {
 15   //Create message
 16
 17   console.log(messageBody);
 18
 19   let newMessage = new Message({
 20     messageBody: messageBody,
 21     userId: userId,
 22     channelId: channelId,
 23     userName: userName,
 24     userAvatar: userAvatar,
 25     userAvatarColor: userAvatarColor
 26   });
 27   //Save it to database
 28   newMessage.save(function(err, msg){
 29     //Send message to those connected in the room
 30     console.log('new message sent');
 31
 32     io.emit("messageCreated", msg.messageBody, msg.userId, msg.channelId, msg.userName, msg.userAvatar, msg.userAvatarColor
 33   });
 34};

  35
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```

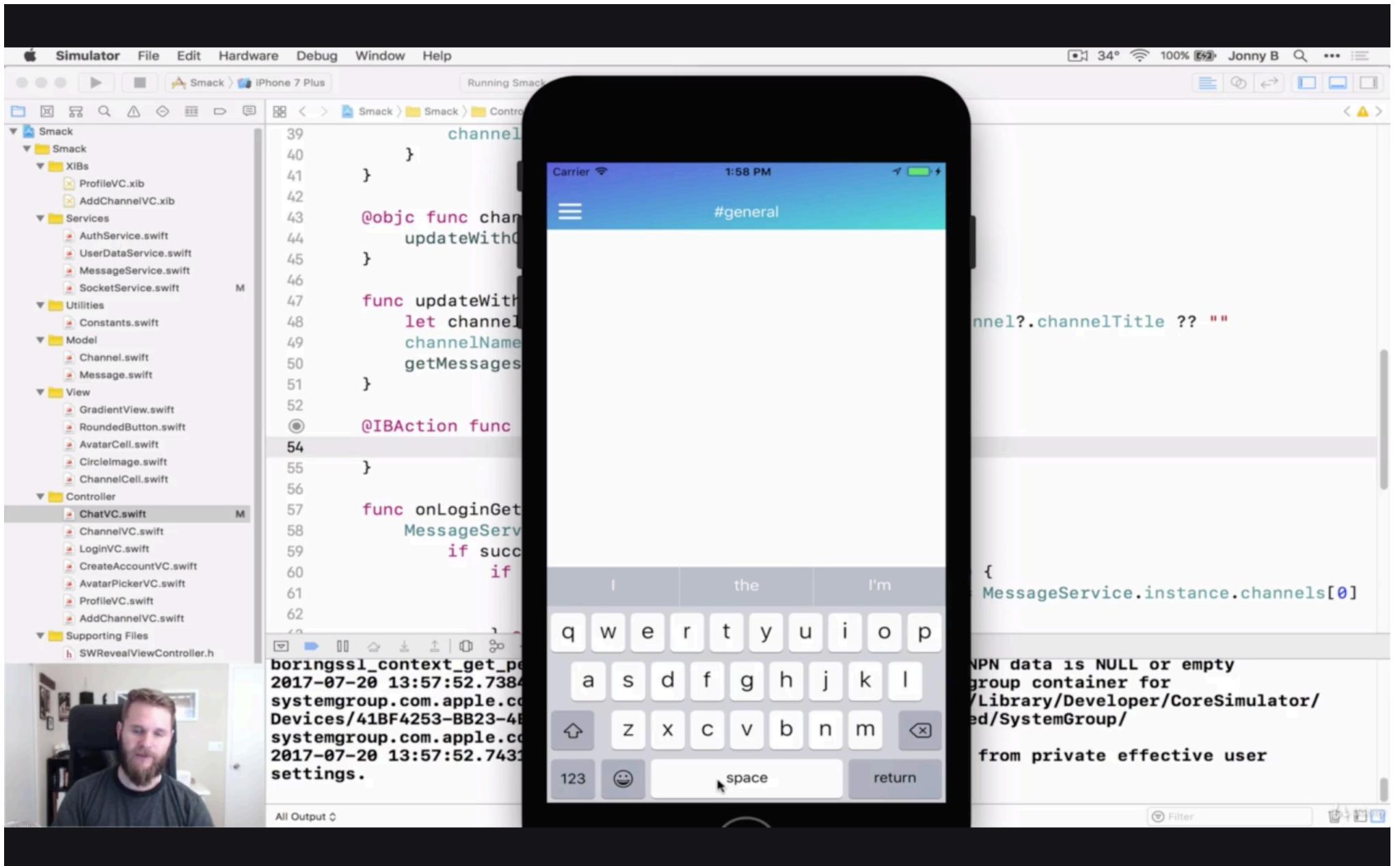
s 80:1 (1, 108) LF ⚠ 2 deprecations UTF-8 Babel ES6 JavaScript master 0 files 1 Update



Xcode File Edit View Find Navigate Editor Product Debug Source Control Window Help 34° 100% Jonny B ... Smack > iPhone 7 Plus Building Smack: Smack | Linking 33 Smack Services SocketService.swift SocketService

```
33    }
34
35    func getChannel(completion: @escaping CompletionHandler) {
36        socket.on("channelCreated") { (dataArray, ack) in
37            guard let channelName = dataArray[0] as? String else { return }
38            guard let channelDesc = dataArray[1] as? String else { return }
39            guard let channelId = dataArray[2] as? String else { return }
40
41            let newChannel = Channel(channelTitle: channelName, channelDescription: channelDesc,
42                                      id: channelId)
43            MessageService.instance.channels.append(newChannel)
44            completion(true)
45        }
46
47    func addMessage(messageBody: String, userId: String, channelId: String, completion: @escaping
48        CompletionHandler) {
49        let user = UserDataService.instance
50        socket.emit("newMessage", messageBody, userId, channelId, user.name, user.avatarName,
51                    user.avatarColor)
52        completion(true)
53    }
```

All Output Filter



Finder File Edit View Go Window Help

Smack > iPhone 7 Plus

Running Smack on iPhone 7 Plus

34° 100% Jonny B

Smack > Smack > Controller > ChatVC.swift [M] sendMsgPressed(_:) 33

Smack

- Smack
- XIBs
 - 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
- KeyboardBoundView.swift
- ChatVC.swift
- ChannelVC.swift
- LoginVC.swift
- CreateAccountVC.swift
- AvatarPickerVC.swift
- ProfileVC.swift
- AddChannelVC.swift
- SWRevealViewController.h

39 channelNameLbl.text = "Please Log In"

40 }

41 }

42 }

43 @objc

44 }

45 }

46 func

47 l

48 c

49 g

50 g

51 }

52 @IBAc

53

54 }

55 }

56 func

57 M

58 MessageService.instance.selectedChannel = MessageService.instance.channels[0]

59 self.updateWithChannel()

60

61

62

boringssl_context_get_peer_npn_data: line 1214 Peer's advertised NPN data is NULL or empty

2017-07-20 13:57:52.738458-0700 Smack[46897:1103578] [MC] System group container for systemgroup.com.apple.configurationprofiles path is /Users/jonnyb/Library/Developer/CoreSimulator/Devices/41BF4253-BB23-4E16-AEE0-BE730D462B17/data/Containers/Shared/SystemGroup/systemgroup.com.apple.configurationprofiles

2017-07-20 13:57:52.743116-0700 Smack[46897:1103578] [MC] Reading from private effective user settings.

All Output Filter

KeyboardBind View

Search

KeyboardBoundView.swift

//
// KeyboardBoundView.swift
// SmackAlpha
// Created by Jonny B on 7/11/17.
// Copyright © 2017 Jonny B. All rights reserved.
//
import UIKit

KeyboardBoundView.swift

Swift Source - 1...
Created 7/11/17, 10:34 AM
Modified Today, 1:46 PM
Last opened Today, 1:46 PM
Add Tags...

The image shows a developer's workspace in Xcode. The main area displays Swift code for a 'KeyboardBoundView' class. A file inspector on the right provides details about the selected file, including its creation date (7/11/17) and last modification (Today, 1:46 PM). Below the code editor, the output pane shows system logs related to SSL context and system group containers. A video feed of the developer is visible in the bottom-left corner.

99. Sending first message



The screenshot shows a Mac OS X desktop with a Xcode project open. The project is named "Smack" and is running on an iPhone 7 Plus simulator. The code editor displays a Swift file, `KeyboardBoundView.swift`, which contains a third-party library for keyboard animation.

3rd party code

```
8
9 import UIKit
10
11 extension UIView {
12
13     func bindToKeyboard(){
14         NotificationCenter.default.addObserver(self, selector:
15             #selector(UIView.keyboardWillChange(_:)), name:
16             NSNotification.Name.UIKeyboardWillChangeFrame, object: nil)
17     }
18
19     @objc func keyboardWillChange(_ notification: NSNotification) {
20         let duration = notification.userInfo![UIKeyboardAnimationDurationUserInfoKey] as! Double
21         let curve = notification.userInfo![UIKeyboardAnimationCurveUserInfoKey] as! UInt
22         let curFrame = (notification.userInfo![UIKeyboardFrameBeginUserInfoKey] as!
23             NSValue).cgRectValue
24         let targetFrame = (notification.userInfo![UIKeyboardFrameEndUserInfoKey] as!
25             NSValue).cgRectValue
26         let deltaY = targetFrame.origin.y - curFrame.origin.y
27
28         UIView.animateKeyframes(withDuration: duration, delay: 0.0, options:
29             UIViewKeyframeAnimationOptions(rawValue: curve), animations: {
30                 self.frame.origin.y += deltaY
31
32             }.completion: {(_true) in
33
34             boringssl_context_get_peer_npn_data: line 1214 Peer's advertised NPN data is NULL or empty
35             2017-07-20 13:57:52.738458-0700 Smack[46897:1103578] [MC] System group container for
36             systemgroup.com.apple.configurationprofiles path is /Users/jonnyb/Library/Developer/CoreSimulator/
37             Devices/41BF4253-BB23-4E16-AEE0-BE730D462B17/data/Containers/Shared/SystemGroup/
38             systemgroup.com.apple.configurationprofiles
39             2017-07-20 13:57:52.743116-0700 Smack[46897:1103578] [MC] Reading from private effective user
40             settings.
```

The output window at the bottom shows several log messages related to SSL/TLS context initialization and system group containers.

Bottom status bar: All Output, Filter, 1x, 10:18 / 17:11, CC, Settings, Control Center.



Xcode File Edit View Find Navigate Editor Product Debug Source Control Window Help

Smack > iPhone 7 Plus Building Smack: Smack | Compiling Swift source files 34° 100% Jonny B ...

Smack > Smack > Controller > ChatVC.swift > viewDidLoad()

Smack

Smack

XIBs

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

KeyboardBoundView.swift

Controller

ChatVC.swift

ChannelVC.swift

LoginVC.swift

CreateAccountVC.swift

AvatarPickerVC.swift

ProfileVC.swift

AddChannelVC.swift

Supporting Files

```
5 // Created by Jonny B on //14/17.
6 // Copyright © 2017 Jonny B. All rights reserved.
7 //
8
9 import UIKit
10
11 class ChatVC: UIViewController {
12
13     // Outlets
14     @IBOutlet weak var menuBtn: UIButton!
15     @IBOutlet weak var channelNameLbl: UILabel!
16     @IBOutlet weak var messageTxtBox: UITextField!
17
18     override func viewDidLoad() {
19         super.viewDidLoad()
20         view.bindToKeyboard()
21         menuBtn.addTarget(self.revealViewController(), action:
22             #selector(SWRevealViewController.revealToggle(_:)), for: .touchUpInside)
23         self.view.addGestureRecognizer(self.revealViewController().panGestureRecognizer())
24         self.view.addGestureRecognizer(self.revealViewController().tapGestureRecognizer())
25
26         NotificationCenter.default.addObserver(self, selector:
27             #selector(ChatVC.userDataDidChange(_:)), name: NOTIF_USER_DATA_DID_CHANGE, object:
28             nil)
29         NotificationCenter.default.addObserver(self, selector:
30             #selector(ChatVC.userDataDidChange(_:)), name: NOTIF_USER_DATA_DID_CHANGE, object:
31             nil)
32
33         boringssl_context_get_peer_npn_data: line 1214 Peer's advertised NPN data is NULL or empty
34 2017-07-20 13:57:52.738458-0700 Smack[46897:1103578] [MC] System group container for
35 systemgroup.com.apple.configurationprofiles path is /Users/jonnyb/Library/Developer/CoreSimulator/
36 Devices/41BF4253-BB23-4E16-AEE0-BE730D462B17/data/Containers/Shared/SystemGroup/
37 systemgroup.com.apple.configurationprofiles
38 2017-07-20 13:57:52.743116-0700 Smack[46897:1103578] [MC] Reading from private effective user
39 settings.
```

All Output Filter

Xcode File Edit View Find Navigate Editor Product Debug Source Control Window Help

Smack > iPhone 7 Plus Running Smack on iPhone 7 Plus 34° 100% Jonny B

Smack > Smack > Controller > ChatVC.swift handleTap()

```
28
29     if AuthService.instance.isLoggedIn {
30         AuthService.instance.findUserByEmail(completion: { (success) in
31             NotificationCenter.default.post(name: NOTIF_USER_DATA_DID_CHANGE, object: nil)
32         })
33     }
34 }

36 @objc func userDataDidChange(_ notif: Notification) {
37     if AuthService.instance.isLoggedIn {
38         onLoginGetMessages()
39     } else {
40         channelNameLbl.text = "Please Log In"
41     }
42 }

44 @objc func channelSelected(_ notif: Notification) {
45     updateWithChannel()
46 }

48 @objc func handleTap() {
49     view.endEditing(true)
50 }
51 }
```

All Output Filter

2017-07-20 14:01:25.979432-0700 Smack[47703:1109102] Smack - _MobileAssetSendCopyMatchingAssetsCommand: [MobileAssetError:29] Unable to copy asset information from https://mesu.apple.com/assets/ for asset type com.apple.MobileAsset.TextInput.SpellChecker

Xcode File Edit View Find Navigate Editor Product Debug Source Control Window Help

Smack > iPhone 7 Plus Building Smack: Smack | Compiling Swift source files 34° 100% Jonny B ...

Smack > Smack > Controller > ChatVC.swift > viewDidLoad()

```
import UIKit

class ChatVC: UIViewController {

    // Outlets
    @IBOutlet weak var menuBtn: UIButton!
    @IBOutlet weak var channelNameLbl: UILabel!
    @IBOutlet weak var messageTxtBox: UITextField!

    override func viewDidLoad() {
        super.viewDidLoad()
        view.bindToKeyboard()
        let tap = UITapGestureRecognizer(target: self, action: #selector(ChatVC.handleTap))
        view.addGestureRecognizer(tap)
        menuBtn.addTarget(self.revealViewController(), action:
            #selector(SWRevealViewController.revealToggle(_:)), for: .touchUpInside)
        self.view.addGestureRecognizer(self.revealViewController().panGestureRecognizer())
        self.view.addGestureRecognizer(self.revealViewController().tapGestureRecognizer())

        NotificationCenter.default.addObserver(self, selector:
            #selector(ChatVC.userDataDidChange(_:)), name: NOTIF_USER_DATA_DID_CHANGE, object:
            nil)
        NotificationCenter.default.addObserver(self, selector:
            #selector(ChatVC.channelSelected(_:)), name: NOTIF_CHANNEL_SELECTED, object: nil)
    }

    func handleTap() {
        print("Tapped!")
    }

    func userDataDidChange(notification: Notification) {
        if let userInfo = notification.userInfo {
            if let channelId = userInfo[NOTIF_CHANNEL_SELECTED] as? String {
                print("Channel selected: \(channelId)")
            }
        }
    }

    func channelSelected(channel: String) {
        print("Channel selected: \(channel)")
    }
}
```

All Output Filter

Smack.Message(message: Hey there everyone!, userName: Emma, channelId: 5967ea6ee2d77a0023371062, userAvatar: light14, userAvatarColor: [0.796078431372549, 0.0823529411764706, 0.2, 1], id: 596c6028819a680023d877a6, timeStamp: 2017-07-17T06:58:48.840Z), Smack.Message(message: , userName: Emma, channelId: 5967ea6ee2d77a0023371062, userAvatar: light14, userAvatarColor: [0.796078431372549, 0.0823529411764706, 0.2, 1], id: 597115fa3118840023da0a0c, timeStamp: 2017-07-20T20:43:38.361Z)] 2017-07-20 14:03:12.832608-0700 Smack[48205:1115467] [BoringSSL] Function boringssl_context_get_peer_npn_data: line 1214 Peer's advertised NPN data is NULL or empty



Xcode File Edit View Find Navigate Editor Product Debug Source Control Window Help

Smack > iPhone 7 Plus Building Smack: Smack | Compiling 2 of 2 Storyboard files 34° 100% Jonny B ...

Smack > Smack > Controller > ChatVC.swift > sendMsgPressed(_:) 33

```
let channelName = MessageService.instance.selectedChannel?.channelTitle ?? ""
channelNameLbl.text = "#\\(channelName)"
getMessages()
}

@IBAction func sendMsgPressed(_ sender: Any) {
    if AuthService.instance.isLoggedIn {
        guard let channelId = MessageService.instance.selectedChannel?.id else { return }
        guard let message = messageTxtBox.text else { return }

        SocketService.instance.addMessage(messageBody: message, userId:
            UserDataService.instance.id, channelId: channelId, completion: { (success) in
                if success {
                    self.messageTxtBox.text = ""
                    self.messageTxtBox.resignFirstResponder()
                }
            })
    }
}

func onLoginGetMessages() {
    MessageService.instance.findAllChannel { (success) in
        if success {
            if MessageService.instance.channels.count > 0 {
0.0823529411764706, 0.2, 1], id: 597115fa3118840023da0a0c, timeStamp: 2017-07-20T20:43:38.361Z]
2017-07-20 14:04:12.264124-0700 Smack[48380:1117324] [MC] System group container for
systemgroup.com.apple.configurationprofiles path is /Users/jonnyb/Library/Developer/CoreSimulator/
Devices/41BF4253-BB23-4E16-AEE0-BE730D462B17/data/Containers/Shared/SystemGroup/
systemgroup.com.apple.configurationprofiles
2017-07-20 14:04:12.265229-0700 Smack[48380:1117324] [MC] Reading from private effective user
settings.
```

All Output Filter

99. Sending first message

The screenshot shows the mLab MongoDB interface for the 'chattychatchat' database. At the top, there's a navigation bar with links for Bitbucket, Devstopes - Dropbox, Android Developers, SurePay, Apple, and Twitter. A status bar at the top right shows the user 'Jonny B', battery level at 100%, and the temperature at 34°. A message 'Press esc to exit full screen' is displayed in a dark overlay.

The main header includes the mLab logo, a search bar, and links for WELCOME, PLANS & PRICING, PLAN COMPARISON, DOCS & SUPPORT, ACCOUNT, and LOG OUT. A user session message '{ user: "jonnyb", account: "BurgoyneInc" }' is shown on the right.

The database name 'chattychatchat' is displayed above a section containing connection instructions:

- 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

A note below states: 'Sandbox databases do not have redundancy and therefore are not suitable for production. Visit our guide to [running in production](#) for more info.'

The interface features a tab-based navigation bar with 'Collections' (selected), 'Users', 'Stats', 'Backups', and 'Tools'. Below this, the 'Collections' section lists the following data:

NAME	DOCUMENTS	CAPPED?	SIZE
accounts	32	false	79.47 KB
channels	7	false	8.75 KB
messages	9	false	11.59 KB
users	14	false	11.27 KB

System Collections are also listed below.

At the bottom, there's a video player interface showing a video of a person with a beard, and various control buttons like play/pause, volume, and settings.

99. Sending first message

Database chattychatchat

Press **esc** to exit full screen

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: 3.2.1

⚠ 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

NAME	DOCUMENTS	CAPPED?	SIZE
accounts	32	false	79.47 KB
channels	7	false	8.75 KB
messages	9	false	11.59 KB
users	14	false	11.27 KB

System Collections [?](#)

NAME DOCUMENTS

|| 1x 15:52 / 17:11 ↗



99. Sending first message

```
        "$oid": "59681022cd47000232a16af"
    },
    "messageBody": "that\u2019s what\u2019s up!",
    "userId": {
        "$oid": "5967ea58e2d77a0023371061"
    }
}
{
    "_id": {
        "$oid": "5969290fe3c97c0023dc9022"
    },
    "messageBody": "Hello students!!",
    "userId": {
        "$oid": "5967ea58e2d77a0023371061"
    }
}
{
    "_id": {
        "$oid": "59695737bc316600235eb756"
    },
    "messageBody": "hi",
    "userId": {
        "$oid": "5967ea58e2d77a0023371061"
    }
}
{
    "_id": {
        "$oid": "596c6028819a680023d877a6"
    },
    "messageBody": "Hey there everyone!",
    "userId": {
        "$oid": "5967ea58e2d77a0023371061"
    }
}
{
    "_id": {
        "$oid": "597115fa3118840023da0a0c"
    },
    "messageBody": "",
    "userId": {
        "$oid": "5967ea58e2d77a0023371061"
    }
}
{
    "_id": {
        "$oid": "59711b973118840023da0a0d"
    },
    "messageBody": "sending our first message!!! woo!!",
    "userId": {
        "$oid": "5967ea58e2d77a0023371061"
    }
}
```

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[1 - 9 of 9]

