XMPP Chatting demo software documentation

# Project folder structure

## Application

Contains AppDelegate and App Constants file

## UI/Controllers

- LoginViewController.swift

Login by facebook viewcontroller

- MainChatViewController.swift

Chat controller

- ContactViewController.swift

Display list of buddies

- AddBuddyViewController.swift

Add buddy by entering friend chat id

## Model

- Handler

+ LoginHandler: service for managing current user

+ UploadImageService: service to upload chat image message

- Chat Service

Contains chat models, chat sender for Chatto framework

## Libs

- Utils: utility class for project

- Chat: XMPP service classes for connecting, chatting, getting buddies, etc

# How to build your own project

-You need your own imgur key for upload image and send image message

+ Change it by register new app at: <http://api.imgur.com/oauth2/addclient>

+ Replace your own key to UploadImageService.swift line 41

headers["Authorization"] = "Client-ID 23ca3434007adbe"

# XMPP Configuration Server

Use default configuration on eJabber Server

# Solution for signing in via non-Google system

When sign in by using facebook. We get facebook Id of user, then we use that Id to register (or sign in) XMPP server.

We fetch facebook name of user and facebook profile image of user then update to XMPP server

# How to use application

* Login by using your facebook ID
* Go to Add buddy screen, add buddy by entering your buddy chat Id.
* Back to contact list and start chatting with friend
* User can send text message, photo message