

SOEN6441 (Fall 2020) Project Assignment #2 (v2.2)

ReadMe

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1. The project could be run after build in terminal, In order to follow lecture old-style akka code(prop) we build actor based on the lectures version akka, If "sbt test" or "sbt jacoco" shown version error, please updated to newest one(2.8.2 play and 3.3.0 jacoco).

2. Then could access the:

<http://localhost:9000/>

3. The API key for tweets app is registered by Tianlin Yang.

4. Javadoc contain all documents result.

5. Test 100% coverage as shown here:

100% classes, 100% lines covered in package 'implementations'				
Element	Class, %	Method, %	Line, %	
DistinctWordDescending	100% (1/1)	100% (2/2)	100% (27/27)	
GetTenTweets	100% (1/1)	100% (2/2)	100% (19/19)	
JsonConverter	100% (1/1)	100% (1/1)	100% (16/16)	
SentimentCount	100% (1/1)	100% (2/2)	100% (13/13)	
TweetSentimentDetermine	100% (1/1)	100% (2/2)	100% (20/20)	
UserProfilePrint	100% (1/1)	100% (2/2)	100% (34/34)	

57% classes, 28% lines covered in package 'controllers'				
Element	Class, %	Method, %	Line, %	
javascript	0% (0/2)	0% (0/10)	0% (0/30)	
ReverseAssets	100% (1/1)	100% (3/3)	100% (5/5)	
ReverseTotalController	100% (1/1)	14% (1/7)	25% (2/8)	
routes	50% (1/2)	50% (1/2)	50% (2/4)	
TotalController	100% (1/1)	100% (5/5)	100% (6/6)	

Coverage: All in APPA1				
100% classes, 100% lines covered in package 'services'				
Element	Class, %	Method, %	Line, %	
TwitterAPITools	100% (1/1)	100% (8/8)	100% (26/26)	

100% classes, 100% lines covered in package 'interfaces'				
Element	Class, %	Method, %	Line, %	
interfaces	100% (0/0)	100% (0/0)	100% (0/0)	

6. The homepage shown as:

Welcome to Twitter search page!

Please input your key words

This is a project for SOEN 6441

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User Name	Tweet	Hash Tags
Justine N.	RT @KarinWeekes: Here's to whoever swatted Ubisoft Montreal getting prosecuted to the fullest f***ing extent of the law. You are not fun...	
Miguel Angel Vicente	Possible secuestro de decenas de personas en las oficinas de #Ubisoft en Montreal https://t.co/KfxWb15ykt	Ubisoft
ChaseMcKayne	RT @eloytoro: Police have deployed these wagons to get hostages down from the rooftop at Ubisoft Montreal https://t.co/V8RAIXMfgb	
Lukelet	RT @EmperorPatch: Redditors when Ubisoft Montreal is having a hostage situation and they say "bro its like siegel!" https://t.co/p3IZ471Is3	
Mardani	RT @dariograbusic: Thierry Henry team talk - Montreal Impact CAFR #teantalk #thierryhenry #football #soccer #coach #training https://t.co/...	teantalk thierryhenry football soccer coach training
Brian Precious #BDS #GTTO	RT @drjclau: Re: the situation at Ubisoft Montreal, this is not the time for your shitty game jokes or hot takes about games. I can't believe...	
Mike Mathias	Police investigating potential hostage situation at Montreal Ubisoft https://t.co/13bkmTR5fk	
Thugun	RT @cpt_sunstark: Glad to hear that no one is hurt, everyone's safe at Ubisoft Montreal. What a year.	
AltKaran	RT @RVAvonk: How/why was a Russian propaganda arm (RT) one of the first outlets to report on a hostage situation at Ubisoft in Montreal?	

References:

1. <https://developer.twitter.com/en/docs/twitter-api>
2. <https://www.scala-sbt.org/1.x/docs/Basic-Def.html>
3. <https://docs.oracle.com/javase/8/docs/technotes/tools/windows/javadoc.html>
4. <https://github.com/Twitter4J/Twitter4J>
5. <https://www.playframework.com/documentation/2.8.x/ScalaTemplates>
6. <https://www.pythonforengineers.com/build-a-twitter-analytics-app-using-python/>
7. <https://github.com/remc17green/twitteranalysis>
8. <https://github.com/themer1/TwitterAnalysis>
9. <https://getakka.net/articles/streams/reactivetweets.html>