WHAT'S HAPPENING AROUND ME

Operating & Management Instructions

TEAM AGILERS

Priyanka Asrani
Jaison Babu
Vishalakshy Chettiar
Sourabh Suman

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1. Introduction

1.1 Purpose

This document is provided to serve as a guideline for installing and maintaining the AGILERS-WHAM application. This document establishes general rules, in order to comply from both parties, concerning the use of correct installation and maintenance procedures.

1.2 Scope

This document is intended to be used by any contractors or its team responsible for hosting and maintaining the AGILERS-WHAM application.

2. Installation manual

2.1 Prerequisites

Browser	Internet Explorer 9 and above Google Chrome - version 43 and above Mozilla Firefox - version 39 and above Safari - Version 7 and above
Location sharing permission	Browsers should be set to allow location sharing
Active internet connection	To access url's hosted in remote server, the internet should be up and running.

2.2 Installation Procedure

- Install Node.js (version 0.10.34 or higher)
  For reference : https://nodejs.org/en/download/package-manager/
  To check if Node.js is installed properly, execute node -v in the installed path. It should display the installed Node.js version.

- Install MongoDB (version 3.0.0)
  - For reference : https://docs.mongodb.org/manual/

- To check if MongoDB is installed properly, execute mongo -version in the installed path. It should display the installed MongoDB version.
- Create Schema named 'UserDetails' & 'UserCredentials' executing the following instructions :
  > use WHAM
  > db.createCollection('UserCredentials')
  > db.createCollection('UserDetails')

- Install Eclipse or other similar IDE like Intellij
- Install Nodeclipse & Angular Plugins for Eclipse from Eclipse marketplace.
  - https://marketplace.eclipse.org/

To run the project in local :
- Download the Project zip file & unzip
- Open Eclipse -> File -> New -> Node.js Project -> Locate to the unzipped file
- Start node server by running 'Server.js' in the application
- Start MongoDB server
- Navigate to 'http://localhost:3000/#/home/'

To host the project in a remote server :
Steps mentioned below are to host the project in openshift :
- Download the Project zip file & unzip
- Create a NodeJS application in openshift
- Add Rockmongo gear to the application
- Add collections named 'UserDetails' & 'UserCredentials' under admin in rockmongo
- Get the git clone url for the application in openshift
- Add the unzipped folder to the cloned folder
- Execute the following commands :
  - git status (will show all newly added/modified files)
  - git add .
  - git commit -m 'Some commit message'
  - git push
- Save the url received from openshift while creating the application.

2.3 Post installation

- Local machine - Navigate to 'http://localhost:3000/#/home/' on your web browser.
- Remote server - Eg. Openshift : Navigate to the url received from openshift while creating the application.

3. Management Instructions

3.1 Server error handling in Openshift

501, 400 errors in openshift can be handled by checking the server logs as follows :

```
$ rhc ssh -a myapp
Connecting to 5473d56fecb8d46a1900005d@myapp-mydomain.rhcloud.com ...
...
[myapp-mydomain.rhcloud.com 5473d56fecb8d46a1900005d]\> cd $OPENSHIFT_LOG_DIR
[myapp-mydomain.rhcloud.com logs]\> ls
mongodb.log  nodejs.log  rockmongo.log
[myapp-mydomain.rhcloud.com logs]\> vim nodejs.log
```

4. Additional information

4.1 Contact information

SI.No	Contact person
1	rajaramchettiar.v@husky.neu.edu
2	babu.j@husky.neu.edu
3	asrani.p@husky.neu.edu
4	suman.s@husky.neu.edu