6555 Prerequisites

1. JDK - Amazon Corretto 8 - [Download](https://docs.aws.amazon.com/corretto/latest/corretto-8-ug/downloads-list.html).
2. Manage java version with jenv - [Guide](https://medium.com/@chamikakasun/how-to-manage-multiple-java-version-in-macos-e5421345f6d0)
3. Node - v10.18.1
4. Maven - 3.3.9 (brew install maven@3.3)
   1. To add mvn in zsh path do the following
      1. Open ~/.zshrc file
      2. Add a line at the bottom :   
         export PATH="/usr/lo.cal/opt/maven@3.3/bin:$PATH"
      3. Restart terminal - source ~/.zshrc
5. Ant - 1.10.9 (brew install ant)

Steps to setup realize local

* **Create and change your current working directory to realize:**
  + **Note**: Ensure your file path to the repo does not contain whitespaces or you will have issues creating a symbolic link and running project.sh init later

$ mkdir realize

$ cd realize

* **Clone the online-learning-exchange-config repository: (**[Online-Learning-Exchange-Config GitHub Link](https://github.com/SavvasLearning/online-learning-exchange-config)**)**

$ git clone --branch develop ssh://git@github.com/SavvasLearning/online-learning-exchange-config.git

* **Change your current working directory to online-learning-exchange-config:**

$ cd online-learning-exchange-config

* **Create symbolic links for dev1-env/config:**

$ ln -s dev1-env/configs

* **Change your current working directory to online-learning-exchange-config/ce-tools-scripts and initialize the project by running the following commands:**

$ cd ce-tools-scripts

$ ./project.sh init

* **Provide the corresponding config values for the following config variables:**

|  |  |
| --- | --- |
| **Config Variable** | **Value** |
| os\_owner | <system\_owner\_name> (e.g. nikhil) |
| os\_group | cgportal |
| svn\_base\_url | http://subversion.pearsoncmg.com/data/portal |
| git\_base\_url | git@github.com:SavvasLearning |
| svn\_wc\_root | </path/to/realize>/git (e.g. /Users/<username>/dev/workspace/savvas/realize/git) |
| system\_ant\_home | </path/to/ant\_home> (e.g. /usr/local/Cellar/ant/1.10.9) |
| system\_java\_home | </path/to/java\_home> (e.g. /Library/Java/JavaVirtualMachines/amazon-corretto-8.jdk/Contents/Home) |
| system\_maven\_home | </path/to/maven\_home> (e.g. /usr/local/opt/maven@3.3) |
| packages\_dir | </path/to/realize>/packages (e.g. /Users/<username>/dev/workspace/savvas/realize/packages) |

* **Update contents of the following files located under online-learning-exchange-config directory:**
  + Replace content - [**dev1-env/configs/install.env.properties**](https://docs.google.com/document/d/1boagiKqWovgqUW3qbQLyPUj_ZkhQPEVR0aYvc8sQSmo/edit#heading=h.siyzhlxvug0y)
    - Update following properties after replacing the content

global.env.os.owner: <system\_owner\_name>  
 global.env.os.dir.base: </path/to/realize>/dist/inst\_9080  
 global.env.os.dir.logs: </path/to/realize>/dist/logs

* Replace content - [**dev1-env/configs/content\_service.properties**](https://docs.google.com/document/d/1boagiKqWovgqUW3qbQLyPUj_ZkhQPEVR0aYvc8sQSmo/edit#heading=h.p4rhqnkgkwo1)
* Replace content - [**shared-configs/contineo-nightly.properties**](https://docs.google.com/document/d/1boagiKqWovgqUW3qbQLyPUj_ZkhQPEVR0aYvc8sQSmo/edit#heading=h.bgct7wfjwbtn)
* Replace content - [**shared-configs/rumba-nightly.properties**](https://docs.google.com/document/d/1boagiKqWovgqUW3qbQLyPUj_ZkhQPEVR0aYvc8sQSmo/edit#heading=h.2ypdyi8r5s94)
* Replace content - [**project\_build.sh**](https://docs.google.com/document/d/1boagiKqWovgqUW3qbQLyPUj_ZkhQPEVR0aYvc8sQSmo/edit#heading=h.93pt4mee3hh9)

* **In shared-config/projects.define.env - update realize rumba client to point to appropriate repo**  
  REALIZE\_RUMBA\_CLIENT=(

     realize-rumba-client

    $project\_git\_base\_url/realize-rumba-client.git

    $project\_svn\_wc\_root/common/realize-rumba-client/trunk

)

* **Checkout all the required projects:**
  + Error: ‘*Filename too long*’
  + Global Fix: run `git config --system core.longpaths true` as Administrator user
    - (<https://www.javaprogramto.com/2020/04/git-filename-too-long.html>)

$ ./project.sh svnupdate

* **Update the code snippets for files in following directory:**

$ cd <path/to/realize>/git/product/online-learning-exchange/components/ole-webapp/trunk**(/realize/gulp/tasks)**

* Replace the function in [**build-component-architecture.js**](https://docs.google.com/document/d/1boagiKqWovgqUW3qbQLyPUj_ZkhQPEVR0aYvc8sQSmo/edit#heading=h.bydcstt7oaeb)
* Replace entire content of [**default-build.js**](https://docs.google.com/document/d/1boagiKqWovgqUW3qbQLyPUj_ZkhQPEVR0aYvc8sQSmo/edit#heading=h.j7zbgve394mu)
* Replace entire content of [**full-build.js**](https://docs.google.com/document/d/1boagiKqWovgqUW3qbQLyPUj_ZkhQPEVR0aYvc8sQSmo/edit#heading=h.ieqhjicop3ct)
* **Create an .npmrc with the following content at** **../trunk/realize/src/main/webapp/realizeit/componentArchitecture**:

**Be extra careful while handling and managing the authorized npm token.**

@lst:registry=https://nexus-docker.realizedev-test.com/repository/lst-npm/

//nexus-docker.realizedev-test.com/repository/lst-npm/:\_auth=ZGVwbG95bWVudDpnd1JIdU1qOEhtbExWQTJpRTY5QQ==

* **Some libraries still have bitbucket URLs. We need to refer to the updated version which has github urls. For now, we will use following workaround:**
  + Change tags in dependencies in realize/bower.json

Please note that test version is temporary, we will eventually update develop branch with new tag

* ui-jet-text-editor.git#**test\_3.2**
* bower-notebook-ui.git#**ct (Missing tag/Skip this step)**

* **update node version in realize/git/common/common-lti-qa-simulator/trunk/lti-simulator/pom.xml**

<configuration>

              <nodeVersion>v10.18.1</nodeVersion>

                          <npmVersion>6.13.4</npmVersion>

             </configuration>

* **update assignment-service-coresvcs version in git/product/online-learning-exchange/components/ole-webapp/trunk/webapp/pom.xml**

Update line **498**:  
 <artifactId>assignment-service-coresvcs</artifactId>

            <version>**2.2.15-SNAPSHOT**</version>

* **It is likely that the machine will encounter an outOfMemory error. To Increase JVM memory**
  + **Update online-learning-exchange-config/configs/global.env**

export MAVEN\_OPTS="-Xmx1024m -Xms1024m -XX:MaxPermSize=1024m -XX:PermSize=1024m"

* **Build the project:**

$ ./project.sh build --auto

* **Note that you can comment out projects in online-learning-exchange-config/dev1-env/configs/projects.build.env to skip already built projects.**
* **Build error: Failing to fetch artifacts from the repository (Not applicable if using Maven version below v3.6)**

This issue is specific to maven 3.8.1, [which blocks fetching artifacts from HTTP repositories](https://maven.apache.org/docs/3.8.1/release-notes.html#how-to-fix-when-i-get-a-http-repository-blocked). Until our nexus repo is upgraded to use HTTPS, we'll have to use maven 3.6 or older (downgrading to maven 3.5 resolved the issue for me).

**common-lti-qa-simulator** projectbuild error**:**

* **You might get some missing artifact error like**
* Note the missing <artifact> that caused the build failure - in the above example: com.pearson.ltg.common:test-nav-item-player:war:1.4.0-SNAPSHOT
* Download the missing artifact and its dependencies from the [drive](https://drive.google.com/drive/folders/1fABW-u8sWLRw-akmFMMN6uvmZIySyMU5?usp=sharing) and copy the artifacts to their corresponding path in the maven repository cache (~/.m2/repository). For example, artifact path for:  
  com.pearson.ltg.common:test-nav-item-player:war:1.4.0-SNAPSHOT  
  should be: ~/.m2/repository/com/pearson/ltg/common
* Be careful while adding assessment-service-install-package to your local. Make sure you update  assessment-service-install-package/maven-metadata-local.xml

**ONLINE\_LEARNING\_EXCHANGE\_WEBAPP** build error:

* *Error*: `package org.springframework.security.oauth2.common.exceptions does not exist`
* inside `<realize-repo>/git/product/online-learning-exchange/components/ole-webapp/trunk/webapp/pom.xml`, Search for **spring-security-oauth** dependency block. Below that add following dependency

```

<dependency>

   <groupId>org.springframework.security.oauth.boot</groupId>

   <artifactId>spring-security-oauth2-autoconfigure</artifactId>

   <version>2.0.0.RELEASE</version>

</dependency>

```

* If you face error related to `npm install` like  
  `Failed to run task: ‘npm install --color=false’ failed.`  
  + You might be using a custom ssh url. Although you have specified that during ‘init’ script, you need to temporarily change the host address to default. (i.e. ‘@github.com’). To fix this issue in global.env change the following property value to -

export project\_git\_base\_url="ssh://git@www.github.com/SavvasLearning"

For other project build errors, check here: [Checklist of Project Build Errors](https://docs.google.com/document/d/1J_TDDyS3KVD_MtdWIyuxDxDGTyGM91-o9VTEws5U78c/edit#heading=h.gjdgxs)

* **Retry the build.**  
  $ ./project.sh build --auto

* [**Setup postgres for realize**](https://docs.google.com/document/d/1boagiKqWovgqUW3qbQLyPUj_ZkhQPEVR0aYvc8sQSmo/edit#heading=h.g0cqcwv8l456)
* **Install the project:**

$ ./project.sh install --auto

* **Start the server:**

$ ./project.sh start --auto

* **Access the realize application on your browser at http://127.0.0.1:9080/community**

* **Verify the installation was successful**

When going to above url it will redirect you to <https://nightly-sso.rumba.pk12ls.com/> you can verify with.

* **Lastly, import Realize programs using Postman:** [**Import Program Into Realize Local**](https://docs.google.com/document/d/1gscYIBtoHa901HyCZKvu1XIxaagK7r5B3-c0x7cCT14/edit#heading=h.9htbd18dsmfs)**.**

Setup Postgres for Realize

* **Install docker** - [steps](https://docs.docker.com/docker-for-mac/install/).
* **Pull the latest stable postgres image:**

$ docker pull postgres

* **Create a named volume via the following command:**
* $ docker volume create postgres-data
* **Run the postgres image in a new container:**  
  $ docker run -d -p 5435:5432 -e POSTGRES\_PASSWORD=postgres --mount source=postgres-data,destination=/var/lib/postgresql/data postgres
* **Verify the running postgres container by the following command:**  
  $ docker ps -a
* **Download pgadmin4 from workspace hub**
* **Search for ‘Database Navigator’ IntelliJ IDEA plugin, then follow the below screenshot instructions.**

* **Create a new PostgresQL Data Source in IntelliJ IDEA using Database Navigator plugin:**
* **Configure the Data Source to point to the running postgres docker container**:
* **Test the connection and ensure that the connection is successfully established.**
* **Connect the newly created postgres@localhost database in your docker postgres with pgAdmin 4.**
  + **Go to Dashboard, and Add New Server.**
* **Add localhost server details. Username/password is ‘postgres’.**
* **Once docker postgres image connection is made, right-click on the Schemas and select ‘Query Tool’ option.**
* **Click the ‘Open’ button, and execute the following migration scripts in the correct order using the ‘Run’ button to generate the required psql schemas in postgres (**[**Content folder**](https://drive.google.com/drive/folders/1fABW-u8sWLRw-akmFMMN6uvmZIySyMU5?usp=sharing)**)**
  + **Assignment Services Deltas**
    - assigment\_services\_master\_script.sql
  + **Assessment Services Deltas**
    - assessment\_services\_master\_script.sql
  + **Realize Webapp Deltas  
    Note**: If execution of this script prompts you with an error, click Ignore All
    - realize\_webapp\_master\_script.sql
      * Comment out the uncommented lines between 7691-7769
        + These are duplicate psql scripts and will cause an error.
  + **Rustici Scorm Deltas**
    - rustici\_scorm\_master\_script.sql
* **Verify the number of schemas created as a result of execution of the above migration scripts inside your DB Navigator tool window in IntelliJ IDEA**:

Appendix

Install.env.properties

**# This file should contain deployment properties which are environment specific**

**global.env.os.owner=manthant**

**global.env.os.group=cgportal**

**global.env.host.ip=127.0.0.1**

**global.env.host.name=127.0.0.1**

**global.env.app.server=127.0.0.1:9080**

**global.env.simulator.server=127.0.0.1:9080**

**global.env.os.dir.base=/Users/manthantogadiya/savvas/realize/dist/inst\_9080**

**global.env.os.dir.logs=/Users/manthantogadiya/savvas/realize/dist/logs**

**global.env.host.port=9080**

**global.env.host.shutdownPort=9081**

**global.env.app.server.internal=@global.env.host.name@:@global.env.host.port@**

**# Default logging levels for a development environment**

**global.env.root.log.level=INFO**

**global.env.org.springframework.web.log.level=INFO**

**global.env.com.pearson.log.level=DEBUG**

**realize\_webapp.prospero.log.level=DEBUG**

**realize\_webapp.lrs.event.log.level=DEBUG**

**realize\_webapp.log.enable.immediate.flush=true**

**# \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**# The Institution URLs for Equella web service call**

**# ole\_webapp.equella.service.institution\_url=http://dev.ole.pearsoncmg.com/equella/dev**

**# ole\_webapp.equella.service.institution\_write\_url=@ole\_webapp.equella.service.institution\_url@**

**# realize\_webapp.equella.service.institution\_url=http://dev.ole.pearsoncmg.com/equella/dev**

**# realize\_webapp.equella.service.institution\_write\_url=@realize\_webapp.equella.service.institution\_url@**

**(\*\*\*\* Note: replace the above url values with these below \*\*\*\*)**

**realize\_webapp.equella.service.institution\_url=http://nightly-www.savvasrealizedev.com/equella/realize**

**realize\_webapp.equella.service.institution\_write\_url=@realize\_webapp.equella.service.institution\_url@**

**realize\_webapp.equella.institution=realize**

**ole\_webapp.equella.service.institution\_url=http://nightly-www.savvasrealizedev.com/equella/ole**

**ole\_webapp.equella.service.institution\_write\_url=@ole\_webapp.equella.service.institution\_url@**

**ole\_webapp.equella.institution=ole**

**# \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**tomcat.server.xml.global.resources.include=package:tomcat:server.xml.global.resource.1.include,package:tomcat:server.xml.global.resource.2.include,package:assignment\_service:server.xml.global.resource.assign.include,package:assessment\_services:server.xml.global.resource.assessment.include,package:rustici\_scorm:server.xml.global.resource.rustici.include**

**#The Soap Service API for Equella web service calls**

**#global.env.equella.service.soapservice\_endpoint=services/SoapService41**

**# global.env.equella.service.soapservice\_endpoint=services/SoapService51**

**# Disable Sentry on Local Dev**

**realize\_webapp.sentry.log.level=OFF**

**# Select Rumba env to use.**

**# Valid values are; simulator, shared-simulator, int, ppe, prod**

**#rumba.configs=simulator**

**rumba.configs=nightly**

**# Select knewton env to use.**

**# Valid values are: int, simulator**

**knewton.configs=simulator**

**#knewton simulator recommendation ids**

**# knewton\_simulator.webapp.recommendation\_ids=135bce9e-1945-3cea-afa2-62d6a60d9a71,b80cacb2-9445-3c5a-8128-d1c835e527a5,92c2d070-f7cd-3f1d-a749-71973107b718,624095bd-7042-313f-9d1b-21923cc9757a,b4dcc6f4-201b-3063-a94e-69291dacc6c0,0b7baa77-f81d-3433-993b-4e1b3f8aacb1**

**#**

**knewton\_simulator.webapp.recommendation\_ids=b7eb25ec-4888-3ff3-a663-a2691de26956,669469af-9d7e-3f45-8f88-984e67358ba6**

**# Select realizeReader config file to use.**

**# Valid values are: int, ppe, prod**

**realizeReader.configs=int**

**open\_ed\_client.configs=int**

**heartbeat\_client.configs=dev**

**# Select ccci config file to use.**

**# Valid values are: int, perf, ppe, prod**

**ccci.configs=int**

**# Select permission service config file to use.**

**# Valid values are: nightly, cert, perf, ppe, prod**

**permissionService.configs=nightly**

**# Select classSyncService config file to use.**

**# Valid values are: int, perf, ppe, prod**

**classSyncService.configs=int**

**#apigateway config file for k12rs,notebook and discussion services**

**apiGateway-configs=int**

**# Select snsClient config file to use.**

**# Valid values are; dev, int, cert, ppe, prod**

**snsClient.configs=dev**

**# Select Desmos config file to use.**

**# Valid values are: int, cert, ppe, prod**

**desmos.configs=int**

**# Database properties**

**# Note:  If you are not running Equella + Oracle locally, use the db properties**

**# in the "LOCAL DEV" section below for your local dev env and comment these**

**# properties which are for the oledev3 server.**

**# If you are running Windows, please note that the value below for**

**# appropriately for your Windows filesystem.**

**global.env.database.url=jdbc:postgresql://localhost:5435/postgres?currentSchema=webapp\_realize**

**global.env.database.username=postgres**

**global.env.database.password=postgres**

**global.env.equella.institution=dev**

**global.env.equella.database.username=dev\_ole\_equella**

**global.env.install.database.deploy=true**

**global.env.install.database.seed=false**

**global.env.ro.database.url=jdbc:postgresql://localhost:5435/postgres?currentSchema=webapp\_realize**

**global.env.ro.database.username=postgres**

**global.env.ro.database.password=postgres**

**global.env.ro.database.username.pete=postgres**

**global.env.ro.database.password.pete=postgres**

**#Assignment DB Properties**

**global.env.assignment.database.url=jdbc:postgresql://localhost:5435/postgres?currentSchema=realize\_assignment**

**global.env.database.username.assignment\_service=postgres**

**global.env.database.password.assignment\_service=postgres**

**assignment\_service.database.url=@global.env.assignment.database.url@**

**assignment\_service.database.username=@global.env.database.username.assignment\_service@**

**assignment\_service.database.password=@global.env.database.password.assignment\_service@**

**assignment\_service.server.xml.global.resource.jdbc.driver=org.postgresql.Driver**

**assignment\_service.database.driverClassName=org.postgresql.Driver**

**#Assignment DB read replica properties**

**global.env.assignment.ro.database.url=jdbc:postgresql://localhost:5435/postgres?currentSchema=realize\_assignment**

**global.env.database.username.ro.assignment\_service=postgres**

**global.env.database.password.ro.assignment\_service=postgres**

**assignment\_service.server.xml.global.resource.jdbc.driver=org.postgresql.Driver**

**assignment\_service.database.driverClassName=org.postgresql.Driver**

**assignment\_service.ro.database.url=@global.env.assignment.ro.database.url@**

**assignment\_service.ro.database.username=@global.env.database.username.ro.assignment\_service@**

**assignment\_service.ro.database.password=@global.env.database.password.ro.assignment\_service@**

**assignment\_service.server.xml.global.resource.validationQuery=select 1**

**assignment\_service.server.xml.global.resource.connectionInitSqls=select 1**

**assignment\_service.install.database.seed=false**

**#Assessment DB Properties**

**global.env.assessment.database.url=jdbc:postgresql://localhost:5435/postgres?currentSchema=realize\_assessments**

**global.env.database.username.assessment\_services=postgres**

**global.env.database.password.assessment\_services=postgres**

**assessment\_services.database.url=@global.env.assessment.database.url@**

**assessment\_services.database.username=@global.env.database.username.assessment\_services@**

**assessment\_services.database.password=@global.env.database.password.assessment\_services@**

**assessment\_services.server.xml.global.resource.jdbc.driver=org.postgresql.Driver**

**assessment\_services.database.driverClassName=org.postgresql.Driver**

**#Assessment DB read replica properties**

**global.env.assessment.ro.database.url=jdbc:postgresql://localhost:5435/postgres?currentSchema=realize\_assessments**

**global.env.database.username.ro.assessment\_services=postgres**

**global.env.database.password.ro.assessment\_services=postgres**

**assessment\_services.ro.database.url=@global.env.assessment.ro.database.url@**

**assessment\_services.ro.database.username=@global.env.database.username.ro.assessment\_services@**

**assessment\_services.ro.database.password=@global.env.database.password.ro.assessment\_services@**

**assessment\_services.server.xml.global.ro.resource.user=@assessment\_services.ro.database.username@**

**assessment\_services.server.xml.global.ro.resource.password=@assessment\_services.ro.database.password@**

**assessment\_services.server.xml.global.ro.resource.jdbc.url=@assessment\_services.ro.database.url@**

**#rustici scorm DB Properties**

**global.env.rustici.database.url=jdbc:postgresql://localhost:5435/postgres?currentSchema=realize\_scorm**

**global.env.database.username.rustici\_scorm=postgres**

**global.env.database.password.rustici\_scorm=postgres**

**rustici\_scorm.database.url=@global.env.rustici.database.url@**

**rustici\_scorm.database.driverClassName=org.postgresql.Driver**

**rustici\_scorm.database.username=@global.env.database.username.rustici\_scorm@**

**rustici\_scorm.database.password=@global.env.database.password.rustici\_scorm@**

**global.env.provided.version.enabled=true**

**# Course Services dbdeploy properties**

**common\_rumba\_course\_services.install.database.deploy=true**

**common\_rumba\_course\_services.install.database.seed=false**

**# Course Services Default logging levels for a development environment**

**common\_rumba\_course\_services.root.log.level=INFO**

**common\_rumba\_course\_services.org.springframework.web.log.level=INFO**

**common\_rumba\_course\_services.com.pearson.log.level=DEBUG**

**# Rustici dbdeploy properties**

**rustici\_scorm.install.database.deploy=true**

**rustici\_scorm.install.database.seed=false**

**# Tomcat configures session timeout in (tomcatHome)/conf/web.xml file.**

**# Here is the code, where session timeout is configured (30 mins):**

**#    <session-config>**

**#        <session-timeout>30</session-timeout>**

**#    </session-config>**

**# The following empty setting below allows us to change tomcat's conf/web.xml file**

**# to some other value to facilitate testing.**

**tomcat.webapp.session.timeout=120**

**# Assessment Services dbdeploy properties**

**assessment\_services.install.database.deploy=true**

**assessment\_services.install.database.seed=false**

**# Assignment Service dbdeploy properties**

**assignment\_service.install.database.deploy=true**

**assignment\_service.install.database.seed=false**

**# PAF Simulator dbdeploy properties**

**paf\_simulator.install.database.deploy=true**

**paf\_simulator.install.database.seed=false**

**#switch between real paf vs mock paf.**

**paf.configs=simulator**

**# K12RS Simulator dbdeploy properties**

**k12rs\_simulator.install.database.deploy=true**

**# k12rs\_simulator.install.database.seed=true**

**k12rs\_simulator.install.database.seed=@global.env.install.database.seed@**

**#switch between real K12RS vs mock K12RS.**

**# Valid values are simulator or int**

**k12rs.configs=simulator**

**# Select Contineo config file to use.**

**# Valid values are; int, ppe, prod**

**contineo.configs=nightly**

**# Select TinCanSCO config file to use.**

**# Valid values are; dev, int, cert, ppe, perf, prod**

**tincansco.configs=dev**

**#turn off authorization check for rest testing on prospero endpoints**

**realize\_webapp.prospero.authorizationEnabled=false**

**ole\_webapp.prospero.authorizationEnabled=false**

**realize\_webapp.aws.dynamodb.env=test**

**ole\_webapp.aws.dynamodb.env=test**

**realize\_webapp.microservice.token.external.service.enabled=true**

**realize\_webapp.microservice.token.expire.minutes=60**

**realize\_webapp.discussion.prompts.enabled=true**

**#Disabling OAuth2 for assessment-service and assigngment-service**

**assignment\_service.oauth.security.enabled=false**

**assessment\_services.oauth.security.enabled=false**

**realize\_webapp.assignment.oauth.api.security.enabled=false**

**realize\_webapp.assessment.oauth.api.security.enabled=false**

**realize\_webapp.tincan.sco.sqs.queue.name=openlrs-tincan-sco-queue-local**

**realize\_webapp.cache.programs.expire.time=2592000**

**ole\_webapp.cache.programs.expire.time=2592000**

**#LTI database config**

**common-lti-qa-simulator.install.database.deploy=true**

**common-lti-qa-simulator.install.database.seed=false**

**realize\_webapp.tincan.sco.sqs.queue.name=openlrs-tincan-sco-queue-local**

**realize\_webapp.cache.programs.expire.time=2592000**

**ole\_webapp.cache.programs.expire.time=2592000**

**realize\_webapp.content-service.content.event.environment=realize\_application\_sandbox**

**ole\_webapp.content-service.sqs.queue.listener.enabled=false**

**ole\_webapp.event.tracker.enabled=false**

**realize\_webapp.event.tracker.enabled=false**

**# Valid values are; dev, int, cert, ppe, perf, prod**

**userprofile.configs=int**

**#Tincan config properties**

**global.env.tincan.sco.sqs.queue.enabled=false**

**#local properties**

**realize\_webapp.database.default.fetchsize=2000**

**tomcat.heap=4096M**

**#realize\_webapp.rediscache.enable=false**

**#realize\_webapp.redis.server.url=redis://localhost:6379**

**#realize\_webapp.redis.server.not.reset.instance.url=redis://localhost:6379**

**realize\_webapp.csrf.enabled=false**

**ole\_webapp.resource.javascript.log.level=5**

**ole\_webapp.resource.javascript.aggregate=false**

**realize\_webapp.resource.javascript.log.level=5**

**realize\_webapp.resource.javascript.aggregate=false**

**realize\_webapp.resource.use.minified.version=false**

**realize\_webapp.rbs.token.service.client.id=GTrd4wvsJKWf6JkV0gbxHmgm3lQz20E7**

**realize\_webapp.rbs.token.service.client.secret=bvUGwNCpOqqomidDR3yKdboE0bKhIZu**

**realize\_webapp.rbs.token.service.host=https://nightly-reader.savvasrealizedev.com**

**# Select rbs config file to use.**

**# Valid values are: int, cert, ppe, perf, editorial, prod**

**rbs.configs=int**

**realize\_webapp.k12rs.events.bff.service.proxy.sqs.enabled=false**

**realize\_webapp.assignment.event.sqs.queue.available=false**

**ole\_webapp.k12rs.events.bff.service.proxy.sqs.enabled=false**

content\_service.properties

realize\_webapp.content\_service.api.url=https://content-service.nightly.savvasrealizedev.com/content-service

ole\_webapp.content\_service.api.url=https://content-service.nightly.savvasrealizedev.com/content-service

realize\_webapp.content\_service.token.service.client.id=realize\_admin

realize\_webapp.content\_service.token.service.client.secret=2b5041d7-6bba-47ce-bc68-83048455740a

ole\_webapp.content\_service.token.service.client.id=realize\_admin

ole\_webapp.content\_service.token.service.client.secret=2b5041d7-6bba-47ce-bc68-83048455740a

realize\_webapp.content\_service.eps.pearson.collectionUuid=0f726fb2-9ea2-426a-8654-fc88471028d2

realize\_webapp.content\_service.eps.community.collectionUuid=64b2a031-66fb-4004-b762-4c6e662fa3fe

realize\_webapp.content\_service.eps.assignment.collectionUuid=260a2e62-1481-4deb-ab89-07c866b7fd51

ole\_webapp.content\_service.eps.pearson.collectionUuid=0f726fb2-9ea2-426a-8654-fc88471028d2

ole\_webapp.content\_service.eps.community.collectionUuid=64b2a031-66fb-4004-b762-4c6e662fa3fe

ole\_webapp.content\_service.eps.assignment.collectionUuid=260a2e62-1481-4de# Contineo Integration (defaults are set through realize\_webapp.properties.default and ole\_webapp.properties.default)

# Contineo Integration, updating the url to point to cms nightly

realize\_webapp.contineo.server.url=https://nightly-cms.easybridge.pk12ls.com

ole\_webapp.contineo.server.url=https://nightly-cms.easybridge.pk12ls.com

realize\_webapp.contineo.cat.url=https://nightly-cat.easybridge.pk12ls.com

ole\_webapp.contineo.cat.url=https://nightly-cat.easybridge.pk12ls.comb-ab89-07c866b7fd51

contineo-nightly.properties

\*Note: This code snippet has been removed because it’s exactly the same in the contineo-nightly.properties file\*

rumba-nightly.properties

# The package defaults will suffice for Rumba Int for most properties

# You must use rumba-gateway.properties to make use of the following gateway properties

global.env.rumba.gateway.domain=https://int.soa.sgw.pearsoncmg.com/soa-infra/services/default

global.env.rumba.gateway.username=pi\_access

global.env.rumba.gateway.password=1ntpe@rson

ole\_webapp.rumba.properties.filename=rumba-regular.properties

realize\_webapp.rumba.properties.filename=rumba-regular.properties

# CAS

global.env.app.cas-server=nightly-sso.rumba.pk12ls.com

ole\_webapp.rumba.security.base.url=https://@global.env.app.cas-server@/sso

ole\_webapp.rumba.security.login.url=@ole\_webapp.rumba.security.base.url@/login

ole\_webapp.rumba.security.logout.url=@ole\_webapp.rumba.security.base.url@/logout

realize\_webapp.rumba.security.base.url=https://@global.env.app.cas-server@/sso

realize\_webapp.rumba.security.login.url=@realize\_webapp.rumba.security.base.url@/login

realize\_webapp.rumba.security.logout.url=@realize\_webapp.rumba.security.base.url@/logout

# Rumba WS

ole\_webapp.rumba.security.webservice.server=https://nightly-user.rumba.pk12ls.com

ole\_webapp.osb.security.webservice.server=https://osb.nightly.pearsoncmg.com

ole\_webapp.soa.webservice.server=https://soa.nightly.pearsoncmg.com

ole\_webapp.solr.webservice.server=https://nightly-solrsearch.rumba.pk12ls.com

ole\_webapp.rumba.organization.webservice.server=https://nightly-organization.rumba.pk12ls.com

ole\_webapp.rumba.user.webservice.server=https://nightly-user.rumba.pk12ls.com

ole\_webapp.rumba.product.webservice.server=https://nightly-product.rumba.pk12ls.com

ole\_webapp.rumba.order.webservice.server=https://nightly-order.rumba.pk12ls.com

ole\_webapp.rumba.licensepool.webservice.server=https://nightly-licensepool.rumba.pk12ls.com

ole\_webapp.rumba.subscription.webservice.server=https://nightly-subscription.rumba.pk12ls.com

ole\_webapp.rumba.authorization.webservice.server=https://nightly-authorization.rumba.pk12ls.com

realize\_webapp.rumba.security.webservice.server=https://nightly-user.rumba.pk12ls.com

realize\_webapp.osb.security.webservice.server=https://osb.nightly.pearsoncmg.com

realize\_webapp.soa.webservice.server=https://soa.nightly.pearsoncmg.com

realize\_webapp.solr.webservice.server=https://nightly-solrsearch.rumba.pk12ls.com

realize\_webapp.rumba.organization.webservice.server=https://nightly-organization.rumba.pk12ls.com

realize\_webapp.rumba.user.webservice.server=https://nightly-user.rumba.pk12ls.com

realize\_webapp.rumba.product.webservice.server=https://nightly-product.rumba.pk12ls.com

realize\_webapp.rumba.order.webservice.server=https://nightly-order.rumba.pk12ls.com

realize\_webapp.rumba.licensepool.webservice.server=https://nightly-licensepool.rumba.pk12ls.com

realize\_webapp.rumba.subscription.webservice.server=https://nightly-subscription.rumba.pk12ls.com

#realize\_webapp.rumba.authorization.webservice.server=https://nightly-authorization.rumba.pk12ls.com

#Solr propertiesole\_webapp.rumba.security.webservice.hostname

ole\_webapp.solr.webservice.server.use\_auth=true

ole\_webapp.solr.webservice.server.username=realizesolrint

ole\_webapp.solr.webservice.server.password=7A6CJwuR

realize\_webapp.solr.webservice.server.use\_auth=true

realize\_webapp.solr.webservice.server.username=realizesolrint

realize\_webapp.solr.webservice.server.password=7A6CJwuR

#enable common class roster

realize\_webapp.classrosterdata.service.bean=commonClassRosterDataService

realize\_webapp.classroster.manage.subscriptions=false

# LS Auth Proxy Service

realize\_webapp.rumba.authorization.webservice.server=https://ls-auth-service.nightly.savvasrealizedev.com

project\_build.sh

#!/bin/bash

# Author: Brad Szabo (bszabo@unicon.net)

#

# Script to have Maven build multiple specified projects

## Include common functions

#

source $SCRIPTS\_DIR/project\_common.sh

project\_global\_env

project\_environment\_type\_check

if [ $? != 0 ]; then

    echo -e "Terminating $0."

    exit 1

fi

projects\_select "Projects to be built: "

## Print Maven environment

#

echo -e "";

VERSION\_OUTPUT=$($MVN -v)

echo "$VERSION\_OUTPUT"

## Check SVN status for projects

#

if [ -z $AUTO ]; then

    for PROJECT in ${BUILD\_PROJECTS[@]}; do

        eval PROJECT=\(\${$PROJECT[@]}\)

        PROJECTWC=${PROJECT[2]}

        $SCRIPTS\_DIR/project\_svnstatus.sh $PROJECTWC

        if [ $? != 0 ]; then

            echo -e "Terminating $0."

            exit 1;

        fi

    done

fi

##

# Determine the current JDK and Maven versions

# and automatically override the required versions

# if necessary.

# This is somewhat fragile being based on the output of Maven

# (currently works with 2.0.9 through 2.2.1)

# As a result, this will first check for the externally provided

# MAVEN\_REQUIRED\_VERSION\_OVERRIDE and JAVA\_REQUIRED\_VERSION\_OVERRIDE

# properties, if those are set, this automatic check will be bypassed,

# and that will allow for fragility in this automation to be avoided,

# if it becomes a problem.

if [[ -z "$MAVEN\_REQUIRED\_VERSION\_OVERRIDE" ]]; then

    # Maven version output so far is consistent x.x.x

    MAVEN\_REQUIRED\_VERSION\_OVERRIDE=$(echo "$VERSION\_OUTPUT" | grep -i "Apache Maven" | awk '{ print $3 }')

fi

if [[ -z "$JAVA\_REQUIRED\_VERSION\_OVERRIDE" ]]; then

    CE\_DEFINED\_JAVA\_VERSION=$(echo "$VERSION\_OUTPUT" | grep -i -m 1 "Java version" | awk '{ print $3 }')

    # Java version requires normalizing according to the Maven Enforcer rules for Java versions

    # See http://maven.apache.org/enforcer/enforcer-rules/requireJavaVersion.html

    # This is a simplified approach given that Java version output is typically 1.2.3\_10

    JAVA\_REQUIRED\_VERSION\_OVERRIDE=$(echo $CE\_DEFINED\_JAVA\_VERSION | $SED $SED\_OPT\_e 's/\_/-/' | $SED $SED\_OPT\_e 's/,//')

fi

# Allow build goals to be customized via command line.  Eg. to speed up builds try:

# MAVEN\_BUILD\_GOALS="install" ./project.sh build --auto"

if [ -z "$MAVEN\_BUILD\_GOALS" ] ; then

    MAVEN\_BUILD\_GOALS="-Ddist -DskipTests clean install"

fi

## Run the Maven operation for each project

#

for PROJECT in ${BUILD\_PROJECTS[@]}; do

    eval PROJECT=\(\${$PROJECT[@]}\)

    PROJECTWC=${PROJECT[2]}

    # for each project listed (trunk or branch)

    MVN\_OVERRIDE=${MAVEN\_REQUIRED\_VERSION\_OVERRIDE:+"-Drequired.maven.version=$MAVEN\_REQUIRED\_VERSION\_OVERRIDE"}

    JAVA\_OVERRIDE=${JAVA\_REQUIRED\_VERSION\_OVERRIDE:+"-Drequired.jdk.version=$JAVA\_REQUIRED\_VERSION\_OVERRIDE"}

    echo -e "\nBuilding project: ${PROJECT[0]}"

    CMD="$MVN -f $PROJECTWC/pom.xml $MAVEN\_BUILD\_GOALS $MVN\_OVERRIDE $JAVA\_OVERRIDE $COMMAND\_OPTIONS"

    echo -e "\nExecuting $CMD\n";

    $CMD

    # Check for unsuccessful operation, and terminate (fail-fast)

    if [ $? != 0 ]; then

        echo -e "\n\"$CMD\" was not successful."

        echo -e "Terminating $0."

        echo -e "Correct the issue and please run again.";

        exit 1;

    fi

done

build-component-architecture.js:

function buildComponentArchitecture() {

    'use strict';

    console.log('component arch building...');

    return spawnNpmTask('CA npm i', ['install'])

        .then(function() {

            return spawnNpmTask('CA build locale', ['run', 'build:locale']);

        })

        .then(function() {

            return spawnNpmTask('Build CA', ['run', 'build:prod'])

        });

}

default-build.js

/\*global require\*/

var gulp = require('gulp');

var runSequence = require('run-sequence');

gulp.task('build', function(callback) {

    'use strict';

    return runSequence('build:componentArchitecture', 'clean:earlyLearner',

        'clean:componentArchitecture', [

        'build:realize',

        'devIncludes:realize',

        'build:studentCenters',

        'devIncludes:studentCenters',

        'build:lti',

        'build:elContentViewer',

        'devIncludes:elContentViewer',

        'less',

        'less:lti',

        'jsCodeQuality',

        'jsonlint',

        'concat-libs',

        'concat:js-e2e-mocks'

    ], callback);

});

full-build.js

var gulp = require('gulp');

var runSequence = require('run-sequence');

gulp.task('full-build', function(callback) {

    runSequence('build', callback);

});