AHK: **[?gauntletui] or [?gtui]***Nexient Testing Service (Gauntlet) UI Team Stuff:*

*Current Repo Folders:***00\_FrontEndTest** --UI project where I am pullin branches being testing with REAL backend.  
**00\_G** -- UI project where I am pulling branches being tested with MOCK backend.  
**00\_Gauntlet\_Backend**: The JAVA code base used for REAL backend.

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| TODO: **Landing page** TODO: "test is not complete." warning if did not skip questions. TODO: "BACK button" to go back. | *C:\DEV\REPO\GIT\00\_Gauntlet\_UI\gauntlet\app\submitted\submitted.js*  *http://localhost:8000/app/#/submitted?token=abc* |

LINKS:

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| Trello Board:  AHK: [/trello] | [*https://trello.com/b/C7JntQhJ/front-end-development*](https://trello.com/b/C7JntQhJ/front-end-development)Name on trello: **johnmarkmadison** Password? No clue. |
| GitLab: | [*http://azrepo.corp.nexient.com/nexient/gauntlet/*](http://azrepo.corp.nexient.com/nexient/gauntlet/)  *Clone Project:* <Http://azrepo.corp.nexient.com/nexient/gauntlet.git> |
| Atlassian Cloud /  Confluence | [*https://nexient.atlassian.net/wiki/display/IP/Gauntlet+UI+Wireframes*](https://nexient.atlassian.net/wiki/display/IP/Gauntlet+UI+Wireframes)  Username: ????? PW: Base shifted << 1 |
| Drew's Mockups: | *https://moqups.com/adbenson/A5U1RQtF/p:a4ff00dae* |
| Local Host Test: | <http://localhost:8000/app/>  See "BOOTING UP" for how to get started. |
| RESET MOCK: | [*http://localhost:8888/mock/reset*](http://localhost:8888/mock/reset) *//port 8888, not port 8000* |
| Merge Requests: | http://azrepo.corp.nexient.com/nexient/gauntlet/merge\_requests |

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| BOOTING UP: | Rebasing / Merging: |
| CMD #1:  CD C:\DEV\REPO\GIT\00\_Gauntlet\_UI\gauntlet npm start  CMD#2: CD C:\DEV\REPO\GIT\00\_Gauntlet\_UI\gauntlet node mock\_backend/mock\_backend.js | From your feature branch:  git pull --rebase origin develop  git rebase --continue //after fixing merge conflicts. git rebase --abort //if you give up.  PROBLEMS:  [10:56:19 AM] John Madison: Tried re-base. But when solving merge conflicts. I realized that my latest version of exam.js was not present again. Am I doing re-base wrong?  I have it in my notes as git pull --rebase origin develop  Should I be doing that from my branch or when on develop?  [10:57:02 AM] Andrew Tylicki: you should normally but since you're having the problems just to a merge  [10:57:10 AM] Andrew Tylicki: **git merge origin/develop** |
| LINT: |
| Gulp Stuff: Documentation: https://www.npmjs.com/package/gulp Can you run the linter on your branch? **gulp js-lint**  **gulp js-lint -view //runs linter, but wont fix styling. Just show.** do npm install |

Note: When testing mock api, you need to remember the URIs are on port 8888, not 8000.  
Mock Api == port 8888  
Application== port 8000  
EXAMPLE: <http://localhost:8888/v1/admin/exams>

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| Mock Backend: | While developing: | Commit / release: |
| app/app.module.js : | .constant("BACKEND", "**http://localhost:8888**") | .constant("BACKEND", "http://**localhost:8080/testingService**") |

UPDATE:

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| Tips on changing DEV.JS  http://localhost:8080/api/testing //LIVE  http://localhost:8080/testingService //Commit with this?  http://localhost:8888 //what mock backend config wants.  RUN: $gulp env-config after changing for affects to go through. Wait.. Just... re-do everything to make sure. Bash#1: $NPM INSTALL Bash#2: $node mock\_backend/mock\_backend.js |

Testing code before you commit it, git bash:  
**$ gulp test**

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| **Java REAL Backend on LocalHost:** |
| environment/dev.js needs this url: BACKEND == " http://localhost:8080/api/testing"  //Get MYSQL Running: ???????????????????? Don't remember how.  //TOMCAT LAUNCH Command line: CD C:\DEV\SDK\JAVA\_TECH\TOMCAT\apache-tomcat-8.0.24\bin catalina.bat run  //Then go into 00\_FrontEndTest repo and do your: **npm start** on git bash. //No need to do node\_mockbackend/node\_mockbackend.js, //because we are using real backend via tomcat. |

**QUESTION: How do you write a unit test for a directive?**

**Where do these unit tests belong?**  
  
// Backend Constants  
.constant("BACKEND", "http://localhost:8888")

TODO: Integrate this into actual project:  
C:\DEV\AHK\CODE\_SNIPPET\HELPDOC\ANGULAR\NgTable\_Hacking\NgTable\_ReadyForDirPaginate.html  
  
UNIT TESTING:

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| Q:How does project find your unit tests? |
| A: IN: **app/unit-tests/karma.conf.js** Line: **'unit-tests/\*\*/\*.spec.js',**  A2: Looks like that isn't all that is needed. Also add something similar to  these 3 lines within same file: **'app/common/directive/user-dock.module.js',**  **'app/common/directive/user-dock.js',**  **'app/common/directive/\*\*/!(\*.min).js',** |

**Q: When must karma be restarted?  
A: I don't know. But 1 or both of these scenarios make it so you must:  
1. You edited karma.conf.js  
2. You edited one of the tests.**

**Stepping Through Karma:**localhost:9876 : **debug.html:  
window.\_\_karma\_\_.files = { /\*\* Proceedurally generated file paths. \*\*/};  
Looks like every entry in the object is in structure:  
'FILE\_PATH' : '40\_DIGIT\_ADDRESS\_HASH'  
 EXAMPLE: '/base/app/login/login.js': '148edab7d9af8606983bce5e12a89ef1af3243fc',**

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| **Hack found in jasmine.js, line 1532:** |
| function FakeDate() {  switch(arguments.length) {  case 0:  return new GlobalDate(currentTime);  case 1:  return new GlobalDate(arguments[0]);  case 2:  return new GlobalDate(arguments[0], arguments[1]);  case 3:  return new GlobalDate(arguments[0], arguments[1], arguments[2]);  case 4:  return new GlobalDate(arguments[0], arguments[1], arguments[2], arguments[3]);  case 5:  return new GlobalDate(arguments[0], arguments[1], arguments[2], arguments[3],  arguments[4]);  case 6:  return new GlobalDate(arguments[0], arguments[1], arguments[2], arguments[3],  arguments[4], arguments[5]);  default:  return new GlobalDate(arguments[0], arguments[1], arguments[2], arguments[3],  arguments[4], arguments[5], arguments[6]);  }  } |

**app.get: Example:**

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| **app.get('/v1/admin/login?:arbitrary\_identifier', function(req,res){**  **var userName = req.query.userName;**  **var password = req.query.password;**    **if(userName.toUpperCase() === "RYAN" && password === "password"){**  **res.status(200).json({cookie:"VALID\_ADMIN\_SESSION\_COOKIE"});**  **}else{**  **res.status(401).json({error:"INVALID\_ADMIN\_LOGIN\_CREDENTIALS"});**  **}**  **});** |

**Trouble Shooting:**

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| **Showing an index instead of actual web-app pages?** |
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| **Solution:** |
| **On Git bash: gulp env-config  //Currently not working. Getting error:**   |  | | --- | | **module.js:339 throw err; ^ Error: Cannot find module 'jsdoc/util/doop'**  **at Function.Module.\_resolveFilename (module.js:337:15)**  **at Function.Module.\_load (module.js:287:25)**  **at Module.require (module.js:366:17)**  **at require (module.js:385:17)**  **at Object.<anonymous> (C:\DEV\REPO\GIT\00G\_2016.02.24\gauntlet\node\_modules\gulp-jsdoc\node\_modules\jsdoc\lib\jsdoc\**  **borrow.js:9:12)**  **at Module.\_compile (module.js:425:26)**  **at Object.Module.\_extensions..js (module.js:432:10)**  **at Module.load (module.js:356:32)**  **at Function.Module.\_load (module.js:311:12)**  **at Module.require (module.js:366:17)**  **at require (module.js:385:17)** | |

**Creating a new branch that has upstream/reference in remote repo?  
1. Make branch: $ git checkout -b make\_graphs  
2. Push for first time: $ git push --set-upstream origin make\_graphs**