|  |  |
| --- | --- |
| Coding Based resources | |
| URL | Comment |
| http://stackoverflow.com/questions/5649722/how-to-call-servlet-through-a-jsp-page | Dependency injection from a servlet to a jsp |
| http://stackoverflow.com/questions/5003142/show-jdbc-resultset-in-html-table-in-jsp-page-using-mvc-pattern | Dependency injection end to end from jsp to mysql and back |
| http://www.r-bloggers.com/mysql-and-r/ | R and mysql example |
| http://www.codeproject.com/Articles/989407/View-GitHub-Commits-and-Issues | Example basic JS only github webapp |
| http://blog.teamtreehouse.com/code-a-simple-github-api-webapp-using-jquery-ajax | Another github example webapp |
| https://developer.github.com/v3/#rate-limiting | Github api link |
| http://www.mysamplecode.com/2012/04/jquery-ajax-request-response-java.html | Generic web app ajax example |
| http://stackoverflow.com/questions/14420076/github-v3-api-get-full-commit-list-for-large-comparison | Accessing different commit set example github |
| https://developer.github.com/guides/traversing-with-pagination/ | Traversing api data examples |
| http://stackoverflow.com/questions/27931139/how-to-use-github-v3-api-to-get-commit-count-for-a-repo | Commit total example |
| http://stackoverflow.com/questions/3541077/design-patterns-web-based-applications | Great example of webapp pattern design |
| 1. Configure --- associate with sonar (must be maven) 2. Maven --- update project 3. Right click on project , sonar – run analysis 4. To remove sonar qube suggestions, right click --- sonar --- remove | Using sonar plugin |
| http://www.coreservlets.com/Apache-Tomcat-Tutorial/tomcat-7-with-eclipse.html#undefined | Set up tomcat with eclipse |
| http://stackoverflow.com/questions/25112141/finding-the-oldest-commit-in-a-github-repository-via-the-api | Get oldest commit |
| http://blog.notfoss.com/posts/get-total-number-of-commits-for-a-repository-using-the-github-api/ | Get total commits |
| http://stackoverflow.com/questions/9888920/how-to-add-two-google-charts-on-the-one-page | Google charts stuff |
| https://github.com/jquery/jquery/graphs/contributors?from=2013-04-22&to=2015-09-26&type=a | Possible way to organize visualize data (contributions) |
| http://stackoverflow.com/questions/17727137/passing-variable-from-jsp-to-javascript | Pass value from jsp to JS |
| <https://danielniko.wordpress.com/2012/04/17/simple-crud-using-jsp-servlet-and-mysql/> | Crud example |
| https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global\_Objects/Date/parse | Might be useful for date parsing |
| http://stackoverflow.com/questions/847185/convert-a-unix-timestamp-to-time-in-javascript | Unix time stamp to date |
| http://docs.mongodb.org/manual/tutorial/install-mongodb-on-windows/ | Mongo install steps |
|  |  |
| Research References | |
| URL | Comment |
| TODO | |
| Task | Importance (1-5) |
| Admin rights (view activity log etc) | 2 |
| Add a growth rate metric  http://www.wikihow.com/Calculate-Growth-Rate | 3 |
| Ability to export/download repo data | 1 |
|  |  |
| Implement project health (look into NN classification) | 3 |
| Read papers collected in more detail – analyze | 3 |
| Add view account functionality (user stats etc) | 2 |
| As well as commits over time, get mean commits per year, give tab option to update table | 1 |
| Think of other tabs for the commit data – author dictionary? Increment each time same author commits |  |
| Points of consideration | |
| Area to consider | outcome |
| <https://api.github.com/repos/jquery/jquery/stats/contributors?page=3>  data is not presented in a chronological order  commitsA1, commitsA1, n - Author 1 details  commitsA2, commitsA2, n - Author 2 details  Every time author’s changes maybe start again?  Each author starts at same date (+)  Weeks overlap months, So cant be used for a monthly view  Maybe just make it commits over time?  <https://api.github.com/repos/jquery/jquery/stats/commit_activity>  does not allow traversal (only one year)  https://api.github.com/repos/jquery/jquery/stats/code\_frequency | Planned to use this to speed up commit data per month.  does not get al contributors  NO too limited  Goods all deletion and additions  YES |
| Look into lehmans law in relation to evolution of software  https://en.wikipedia.org/wiki/Lehman%27s\_laws\_of\_software\_evolution |  |
| http://flosshub.org/sites/flosshub.org/files/9913-25310-1-PB.pdf | Should reference useful papers |
| Should I clone repo using jgit to work off commit data better? Off line process |  |
| https://www.githubarchive.org/ | Might be useful |

Refactor

1. Instead of getting repeated api calls, get all sample sizes first before displsying first chart, then depending on input the sample sized array versions just change as parameters
2. https://www.kenneth-truyers.net/2013/04/27/javascript-namespaces-and-modules/