**QA Automation Framework Overview**

**QA Tech Stack:**

**Common:**

* Programming Language → Java 14
* Build System → Gradle
* Testing Framework → JUnit 5
* Reporting Framework → Allure
* Logging Framework → log4j2
* Helper Framework → Spring

**UI Tests:**

* UI testing framework → Selenide
* Selenoid for running tests on remote browsers
* [https://selenoid-ui.collabdevteam.net/#](https://selenoid-ui.collabdevteam.net/#/)

**Load Tests:**

* Programming Language → Scala
* Testing Framework → Gatling

**Jenkins:**

* <https://jenkins.collabdevteam.net/job/QA/> 🡪 Root folder for all QA related jobs
* <https://jenkins.collabdevteam.net/job/QA/view/Clients/> 🡪 This is where all clients related builds are located
* <https://jenkins.collabdevteam.net/job/QA/view/Regression/> 🡪 Builds related to regression
* <https://jenkins.collabdevteam.net/job/QA/view/Regression/job/collab-daily-regression/> 🡪 Daily regression build, runs each night, contains all available tests.
* <https://jenkins.collabdevteam.net/job/QA/view/Regression/job/collab-updates/> 🡪 Build that runs Collaborator update (all supported versions to current)

**Support Matrix:**

This page is intended to track the third-party software that Collab uses to store data, or integrates with in some way vs. what we actually test.

Page Link: <https://smartbear.atlassian.net/wiki/spaces/PD/pages/602210565/Support+Matrix>

**Change Package Review - Mentor Guidelines:**

The purpose of this page is to provide some guidance for what it means to be a mentor in a review as well as provide some practical advice for how to encourage more junior members of the team.

Page Link: <https://smartbear.atlassian.net/wiki/spaces/PD/pages/643891207/Change+Package+Review+-+Mentor+Guidlines>