

Meeting with Hyderabad QA managers

Thursday, March 02, 2017 5:16 PM

2nd March 2017

- Agile class training session conducted externally. 2 days. Can apply for external business event.
- Almost meeting bell curve this time.
- 3 candidate interviewed by Naveen. On hold for now until we go for next hiring with MVSR.

16th March 2017

- Agile training to be cost 70k for each batch (divided b/w 3 groups (Engineering, PD and QA)). There'll be 3-4 batches.
- Question about equivalent career progression (QA Automation Analyst II ~ Team Lead, QA Automation Analyst III ~ Senior Team Lead). Sr. Automation Analyst would be moved to TL (HR response).

23rd March 2017

- 3 years for industry hiring.

Team	Name of QA Analyst	Project/product working on	Names of relevant engineers	% overlap/interaction with engineers at DVSR (calculate in time per day)	Comments	Appropriate case for consideration for immediate move to DiyaSree?
Platform QA	Debojyoti Bhattacharya	MI (Market Intelligence)	1. Arvind Tiwari – MI frontend engineer 2. Anshul Chaturvedi - MI frontend engineer 3. Chandan Koley - MI frontend engineer 4. Ritesh Kumar Gupta – MI server side coder	10%/20%/30%/40%/100%?	The QA Analyst directly works with all the frontend engineers	Yes/No

30th March 2017

- Code Red automation engineers would work on C# to do service layer testing.

13th April 2017

- Tripal Reddy (candidate to be considered for TL) is ding by Vasu.
- Manju leaving.
- Manju backfill would be Karteek.
- Early warning system - Identify tentative attrition.
- Team reaction for Divyashree office.

Hiring Plan for Q4 FY17

Pos	Position	Title	Opened	Opened	Start date	JD	For Team	Senior TL	For Location	Note	Manual/Automation
13471	GIPS/Performance System	QA Analyst	New Alloc	06/01/2017	Q4-FY'17	Use existing JD	Analytics QA	Pavan Alenj	Hyderabad - DLF	Invest. Process 2017 - Q4 - Performance Systems	Manual
13478	GIPS/Performance System	QA Analyst	New Alloc	06/01/2017	Q4-FY'17	Use existing JD	Analytics QA	Pavan Alenj	Hyderabad - DLF	Invest. Process 2017 - Q4 - Performance Systems	Manual
13474	GIPS/Performance System	QA Analyst	New Alloc	06/01/2017	Q4-FY'17	Use existing JD	Analytics QA	Pavan Alenj	Hyderabad - DLF	Invest. Process 2017 - Q4 - Performance Systems	Manual
13470	GIPS/Performance System	QA Analyst	New Alloc	06/01/2017	Q4-FY'17	Use existing JD	Analytics QA	Pavan Alenj	Hyderabad - DLF	Invest. Process 2017 - Q4 - Performance Systems	Manual
13480	MAC Risk Model / Stress Testing	QA Automation Analyst/QA Test Er	New Alloc	06/01/2017	Q4-FY'17	Will be supplied shortly	Automation	Bhupender Agarwal	Hyderabad - DLF	Invest. Process 2017 - Q4 - MAC	Automation
13469	GIPS/Performance System	QA Automation Analyst/QA Test Er	New Alloc	06/01/2017	Q4-FY'17	Will be supplied shortly	Automation	Bhupender Agarwal	Hyderabad - DLF	Invest. Process 2017 - Q4 - Performance Systems	Automation
13468	CodeRed	QA Test Engineer	New Alloc	06/01/2017	Q4-FY'17	Use existing JD	CoreProduct QA	Mustaq Mohammed	Hyderabad - DLF	Invest. Process 2017 - Q4 - RMS	Manual &Automation
13461	General HR	QA Analyst	New Alloc	01/01/2017	Q2-FY'17	Will be supplied shortly	Internal QA	Padmini Rajanala	Hyderabad - DLF	Invest. Process 2017 - Q2 - HCM (QA positions)	Manual &Automation
12065	CodeRed	QA Test Engineer	New Alloc	11/01/2016	Q1-FY'17	Use existing JD	CoreProduct QA	Mustaq Mohammed	Hyderabad - DLF	Ukraine Contractor Replacements for RMS-Shift to QA	Manual &Automation
12069	CodeRed	QA Test Engineer	New Alloc	06/01/2017	Q4-FY'17	Use existing JD	CoreProduct QA	Mustaq Mohammed	Hyderabad - DLF	Ukraine Contractor Replacements for RMS - Shift to QA	Manual &Automation
13477	GIPS/Performance System	QA Analyst	New Alloc	06/01/2017	Q4-FY'17	Use existing JD	Analytics QA	Pavan Alenj	Hyderabad - DLF	Invest. Process 2017 - Q4 - Performance Systems	Manual
13473	GIPS/Performance System	QA Analyst	New Alloc	06/01/2017	Q4-FY'17	Use existing JD	Analytics QA	Pavan Alenj	Hyderabad - DLF	Invest. Process 2017 - Q4 - Performance Systems	Manual
13476	GIPS/Performance System	QA Automation Analyst/QA Test Er	New Alloc	06/01/2017	Q4-FY'17	Use existing JD	Automation	Bhupender Agarwal	Hyderabad - DLF	Invest. Process 2017 - Q4 - Performance Systems	Automation
13472	GIPS/Performance System	QA Automation Analyst/QA Test Er	New Alloc	06/01/2017	Q4-FY'17	Use existing JD	Automation	Bhupender Agarwal	Hyderabad - DLF	Invest. Process 2017 - Q4 - Performance Systems	Automation
13479	GIPS/Performance System	QA Automation Analyst/QA Test Er	New Alloc	06/01/2017	Q4-FY'17	Use existing JD	Automation	Bhupender Agarwal	Hyderabad - DLF	Invest. Process 2017 - Q4 - Performance Systems	Automation
13475	GIPS/Performance System	QA Automation Analyst/QA Test Er	New Alloc	06/01/2017	Q4-FY'17	Use existing JD	Automation	Bhupender Agarwal	Hyderabad - DLF	Invest. Process 2017 - Q4 - Performance Systems	Automation
							Position communicated to the recruiting				
							Recruiting can start sourcing profiles to get the industry hires onboard asap in Q4-FY'17				

GCC automation

Friday, November 17, 2017 3:23 PM

Meeting Date: 11/17/2017 3:00 PM

Location: Hyderabad DivyaShree 1110 VideoConference

Link to Outlook Item: [click here](#)

Invitation Message

Participants

Notes

- All jobs scheduled so far should be ignored.
- All future jobs for other stages testing should be cleared.
- TelluDev Serial Number should be removed from the list provided.
- All SBU heads need to be informed about clearing all jobs till 21st Nov.
- Tellus webpage should be put into Maintenance until GCC testing completes.
- Angela to scheduled fresh jobs and disregard the jobs executed so far for GCC.
- Configuration setup on SWP does not work for Analytics. As this option was never used by Analytics for Automation Jobs.
- Provide list of personal serial numbers so that debugging can be done on failures. This has to be communicated to team for not using the same serial number for other purpose.
 - Alternate solution is to use CI dedicated pool for debugging.

If possible do not allow scheduling jobs from any SWP other than GCC SWP.

QA-HR Managers meeting - Monthly

Tuesday, January 17, 2017 12:40 AM

7th March 2017

- More number of resignation.
 - Can have focus Group discussion to reduce attrition.
 - Sandeep says we'll be more likely in this shift.

17th April 2017

- Retentions are going up after FGDs.

19th June 2017

- Nominate people from team to get the training on how to give training.

14th December 2017

- Alternate work arrangement option is been looked into.
 - Already implemented in US and London office.

What this means?

Person can work from home or other offices.

- Product-wise team allocation.
- 6 month cycle for RNR?
- Team outing oriented towards SBUs.
- Manisha Rana will be ER SPOC for QA, CTS.

8th March 2018

- Extend max cap of transitioning employee through IJP process to 60 days.

Automation TL Meetings

Tuesday, February 28, 2017 10:41 PM

installing node modules directly on VMs

Tuesday, November 28, 2017 4:16 PM

Link to meeting notes: [installing node modules directly on VMs](#)

Monday, November 27, 2017

5:06 PM

Meeting Date: 11/27/2017 6:30 PM

Location: my Place

Link to Outlook Item: [click here](#)

Invitation Message

Participants



[Krishnateja Surapaneni](#) (Meeting Organizer)



[Naresh Surya](#) (Accepted in Outlook)



[Deekshith kumar Lingoju](#)

Notes

Online links :

1. Has a solution but a bit complicated. Involves re creating the server
<https://chromedriver.storage.googleapis.com> in FactSet
 - a. <https://stackoverflow.com/questions/44661656/protractor-on-offline-machine>
1. <https://github.com/angular/protractor/pull/966>
2. <https://github.com/angular/webdriver-manager/issues/260>
3. <https://github.com/angular/webdriver-manager/pull/232>

- Webdriver-manager update is mandatory from protractor-5.1

Solutions:

1. Whitelist the website for chrome driver in internal VM [[RPD:36307148](#)]
2. Create a proxy server - dev services
3. Tellus has to copy the protractor/selenium folder for each job
4. [Bhupender] zip selenium folder under protractor and place it in "qa-protractor-common" node module and post install will unzip it. Zip size: 31mb (approx)
 - a. Selenium folder has files which are not needed these can be removed and only update-config.json can be placed. This way conf.js will override the chrome driver path, which is happening even now

Consensus as of 11/28: if solution #1 doesn't work , we try a POC of solution #4

Created with Microsoft OneNote 2016.

To discuss about JEP stage, Web stage and FDSA v2 version

Tuesday, February 28, 2017 10:42 PM








Meeting Date: 2/28/2017 10:30 PM

Location: Hyderabad 804

Link to Outlook Item: [click here](#)

Invitation Message

Participants

-  [Avanthi Rentala](#) (Meeting Organizer)
-  [Bhupender Agarwal](#)
-  [Deekshith kumar Lingoju](#)
-  [Eyme Ann Mathew](#)
-  [Mahendra Tribhuvan Sura](#)
-  [Priyanka Muddalapuram](#)
-  [Vasu Nakka](#)
-  [Suryanarayana Myrala](#)
-  [Krishnateja Surapaneni](#)

Notes

- FDSA v2 will have Devel, QA, Live and Edge as stage which they term as **Version**. Apart from 4 fixed stage they may have custom version as well.
- FDSA v2 can have multiple overrides as well.

Thief helpers and QA-ID needs

Thursday, March 02, 2017 7:22 PM






Meeting Date: 3/2/2017 7:00 PM

Location: My Cabin

Link to Outlook Item: [click here](#)

Invitation Message

Participants

-  [Eyme Ann Mathew](#) (Meeting Organizer)
-  [Bhupender Agarwal](#)
-  [Mahendra Tribhuvan Sura](#)
-  [Deekshith kumar Lingoju](#)
-  [Priyanka Muddalapuram](#)

Notes

- Data files used to be shared among team. Tribhuvan/Deekshith has to send the location.

Speed Sprint

Wednesday, April 12, 2017 8:03 PM

Speed Sprint: 27th and 28th April 2017

- Identify and remove hard coded wait times. Replace it with polling wait or other alternatives.
- Drive automation through data files. Do not hardcode values in spec files.
 - Should be maintained in JSON format.
 - <TBD> Folder to place data files.
- Prepare projects to be ready to adapt to thief-grid.
 - Initialization of grid object should be removed from spec files.
 - Usage of tag attributes should be avoided within scripts.
- Create common utilities to verify status of components. Like isDisabled, isChecked, isSelected, isExpanded, expand(accepts parameter), collapse(accepts parameter), toggle.
 - Temporarily make these utilities but we want helper functions for all such scenarios.
- Identify and remove redundant page object functions.

Discuss: Create a project checker to verify if all files are downloaded or not for Tellus jobs

Thursday, May 18, 2017 12:16 AM











Meeting Date: 5/17/2017 - 5/18/2017

Location: Hyderabad 804

Link to Outlook Item: [click here](#)

Invitation Message

Participants

-  [Krishnateja Surapaneni](#) (Meeting Organizer)
-  [Avanthi Rentala](#)
-  [Bhupender Agarwal](#)
-  [Deekshith kumar Lingoju](#)
-  [Eyme Ann Mathew](#)
-  [Mahendra Tribhuvan Sura](#)
-  [Priyanka Muddalapuram](#)
-  [Shiva Kumar Macharla](#)
-  [Surendra Babu Parchuru](#)
-  [Vasu Nakka](#)

Notes

- VM don't get released when required test case is not found in required location - For protractor.
- Selenium - if config.rb is not found - **Test Not Run is the result.**
- When wrong test case location is selected and all/few files are not found in the location: VM gets hung.

Test Not Run reasons:

1. Files not found in project archive
2. Exception during script execution - Protractor won't generate logs.
3. Timeout - Max. time set for job to execute is completed.

Better approach for Launching workstation for Protractor projects

Friday, June 09, 2017 12:08 AM











Meeting Date: 6/9/2017 12:00 AM

Location: Hyderabad 804

Link to Outlook Item: [click here](#)

Invitation Message

Participants

-  [Eyme Ann Mathew](#) (Meeting Organizer)
-  [Avanthi Rentala](#)
-  [Bhupender Agarwal](#)
-  [Deekshith kumar Lingoju](#)
-  [Krishnateja Surapaneni](#)
-  [Mahendra Tribhuvan Sura](#)
-  [Priyanka Muddalapuram](#)
-  [Shiva Kumar Macharla](#)
-  [Surendra Babu Parchuru](#)
-  [Vasu Nakka](#)

Notes

- We can do post install using **scripts** key in package.json.
 - Ruby gem can be called in this key.
- Ruby logs still have to be parsed.

Discuss workflow to limit releases and support testing on Tellus

Monday, July 17, 2017 9:07 PM

Meeting Date: 7/17/2017 8:30 PM

Location: Hyderabad 802 VideoConference; Norwalk 501 501 VideoConference

Link to Outlook Item: [click here](#)

Invitation Message

Participants

Notes

- Engineers should use prebuild name to download from GIT. For other stages it should be downloaded from artifactory.
- Package.json file to be updated with appropriate dependency of page-object branches.
 - Npm supports specifying git url as version dependency of a dependency - Joseph.

Protractor project archive issue

Thursday, September 14, 2017 5:15 PM











Meeting Date: 9/14/2017 5:00 PM

Location: Hyderabad Divyashree 1113

Link to Outlook Item: [click here](#)

Invitation Message

Participants

-  [Deekshith kumar Lingoju](#) (Meeting Organizer)
-  [Avanthi Rentala](#)
-  [Bhupender Agarwal](#)
-  [Eyme Ann Mathew](#)
-  [Krishnateja Surapaneni](#)
-  [Mahendra Tribhuvan Sura](#)
-  [Priyanka Muddalapuram](#)
-  [Shiva Kumar Macharla](#)
-  [Surendra Babu Parchuru](#)
-  [Vasu Nakka](#)

Notes

- All dependencies should be declared in qa-test repo's package.json file.
- Application dependencies such as thief-angular-testing and thief-angular-grid should be declared in page-object repos.

QA Automation Managers Meeting

Tuesday, January 03, 2017 11:40 PM

17th January 2017

- Need a session from Joseph to have knowledge on deciding version number and criteria to bump up version number while pushing changes to GIT.

Meeting Subject: CI End to End

Meeting Date: 1/20/2017 - 1/21/2017

Location: Norwalk 601 205 VideoConference; Hyderabad 802 VideoConference

Link to Outlook Item: [click here](#)

Invitation Message

Participants

Notes

3rd Jan 2017

- SIT
 - Adhoc jobs run immediately
 - Other types would take time to trigger at specific time
 - CRON jobs will send request to QAI and it'll take care of kicking the jobs.
 - When SWP selected from JEP tellus sends request to QAI which will trigger jobs and post the result to SWP (currently broken).
- CID
 - Analytics Jenkins, QA Automation Jenkins.

Summary

- Modified path in TTM to use npm module name (ex: qa-test-pru).

GIT versioning for Move to GIT

Tuesday, February 14, 2017 12:08 PM










Meeting Date: 2/14/2017 12:00 PM

Location: Norwalk 601 105 Situation VideoConference; Hyderabad 506 VideoConference

Link to Outlook Item: [click here](#)

Invitation Message

Participants

-  [Rajul Shrivastava](#) (Meeting Organizer)
-  [Joseph Hwang](#)
-  [Ken D. Morris](#)
-  [Eyme Ann Mathew](#)
-  [Vasu Nakka](#)
-  [Bhupender Agarwal](#)
-  [Deekshith kumar Lingoju](#)
-  [Avanthi Rentala](#)
-  [Priyanka Muddalapuram](#)

Notes

- NPM will not be able to install specific folders.

Permissions on GIT

Monday, June 05, 2017 8:48 PM

User Permissions

- Owners - TLs

- Masters - people who are doing the merging

- Developer - scripter

Protected branch

- Required

- Create a regular expression so that we don't need to protect each time new production branch is created. Ex: Version199, Release199

Merge request triggers

- We need to try this - Joseph

Curators - masters

- Curator is not responsible for fixing the merge conflicts.

Disallow gulp release for developers

Prerelease/alpha numeric

- Trying

discuss what jobs are to be run for a new devel and a qa promotion

Thursday, November 16, 2017 10:32 PM












Meeting Date: 11/16/2017 8:30 PM

Location: 1109 VideoConference

Link to Outlook Item: [click here](#)

Invitation Message

Participants

-  [Krishnateja Surapaneni](#) (Meeting Organizer)
-  [Avanthi Rentala](#)
-  [Bhupender Agarwal](#)
-  [Deekshith kumar Lingoju](#)
-  [Mahendra Tribhuvan Sura](#)
-  [Shiva Kumar Macharla](#)
-  [Surendra Babu Parchuru](#)
-  [Vasu Nakka](#)
-  [Mushtaq Mohammed](#)
-  [Rajul Shrivastava](#)
-  [Joseph Hwang](#)

Notes

- Krishnateja to come with data on number of jobs executed on each stage on different days product wise.
- For Mobile Jobs too we need a way to identify if FactSet version is changed.
- Have to reach out to Analyst and Analyst manager to utilize time after receiving Devel and QA promotion trigger.
- Fixed Time Jobs
 - For Ad-Hoc System - Access should be allowed only to Automation TLs.
 - For Other Systems - Access to be given only to TL and Above.

Analytics Automation Catchup

Tuesday, January 17, 2017 12:43 AM

Portfolio (PA3/PLM)

Thursday, February 11, 2016 10:11 PM

2nd Feb 2016

- We'll be having outside vendor to automate the test case inventory.
- We'll first give them 1000 test cases to automate.
- Saadia need time to respond to STU test case update requested .
- Check for QA Attributes in STU.
- David's team is working on setting up proxy server (Rebecca).
- For AT4: we need only sanity test to launch the app in workstation but remaining all should be run on SG.
- Jovian, Kate and Deekshith will have meeting to discuss about the AT4 challenges. Kate's suggestion: To have all the updated on workspace so that we can consolidation of points at one place.

16th Feb 2016

- Aswani's update need to be improve - Discrepancies found.
- Get moving STU test cases in progress.
- We got 2nd performance testing.
- We are moving away from project based to product based - Ken.

1st Mar 2016

NOTE: Focus on startup instructions

- Scripts are not automated as per the test cases - Priyanka and Pramod.
- Saadia got some workarounds which can move Road Blocked test cases to Ready for Scripter.
- Saadia is going to look at Composite Asset test cases under trader and combine them into one test plan.
- Details are required when you flip the automation status - Pramod.
- Let analyst know which test case you are about to work on - Pramod and Priyanka.
- Plan for GIT training. Check if engineer have any material to train people on GIT.

12th March 2016

- STU scripts failing in QA.
- Caching enhancement are in regression.
- Look into issues for STU.
- Look into the RPDs filed by Sumathi.
- Get Priyanka and Pramod to work on thief1.3 changes.

26th April 2016:

- Remove Market Watch script from production (Prathima).

10th May 2016:

- Test PA3 with thief helper for new thief changes.

17th January 2017

- Goevanna will have meeting with PLM team to create regression branch for PM (calling it PM instead of PLM).
- PLM team is going to use thief-grid. We need prebuild before pushing the same to Devel (Kate).
- Pa3 is not yet enable to Japanese character for any client. It is open only for In House users.

28th February, 2017

- PA3 - Test case for Japanese language(PARC only for now) - [RPD:2951602](#)

QUANT (SPAR/AA/AT4/PDB/PS)

Thursday, February 11, 2016 10:12 PM

Projects under progress: [Application Information](#)

Excel Sheet: H:\Department\QualityAssurance\Application QA\Analytics QA\Automation Pipeline.xlsx

25th Feb 2016

- PS: 3 test cases are ready to move to production after code review. 5 ready of scripiter.
- Vasavi helped clearing couple of user stories and reported some good bugs - Neekens.
- Completed 1 test case from BPM2 - Charuvaka.
- Automated 1 test cases, 12 updates (new thief version) - Ranvijay.
- Charting test cases cannot be automated yet because of chart version is not compatible. Ask Bryan to add user story for chart version update.

3rd Mar 2016

GIT material? - Rebecca

- NA

10th Mar 2016

- Should have TWIKI to maintain FactSet standards for different software we use like version.

24th Mar 2016

- Analyst may need training to write feature files.

5th May 2016:

- Scenario build testing.
- New URL for AA.
- Thief updates BPM2, if not done move to In Maintenance.

Subject	Non-PA3/PLM Analytics Automation weekly
Date and Location	Thursday, May 12, 2016 8:30 PM - 9:30 PM, Hyderabad 506 VideoConference; Norwalk 601 102 VideoConference
Attendees	Kate M. Kuzin; Rajeeta Krishnan; Bhupender Agarwal; Deekshith kumar Lingoju; Mahendra Tribhuvan Sura; Ritu Raj Shrivastava; Priyanka Ghose; Lakshmi Anusha Kota; Nallini Chandramohan; Neekens Desther; Hema Latha Ikkurthi; Frank Rende; Ranvijay Kumar singh; Santhoshi Chepuru; Eyme Ann Mathew; Ken D. Morris; Vasavi Tallada; Charuvaka Thallapelli; Shireesha Gaddam; Aswani Kolli; Komal Agrawal; Vijay Bhaskar Varma Tirumalaraju; Yuga Padmaja Pasupulate; Sreeram Kotamarthy; V N Kiranmai Malladi; Usha Sai Masabattula; Durga Prasad Vemula; Geovanna G. Bonilla;
Message	Hi Team, This is the new weekly automation meeting for the Quant/Optimizer/RAS (non-PA3) products. It replaces the old weekly automation meeting held at this time.

	<p>There is a OneNote located here for weekly updates. (\\pc.factset.com\dfs\Department\QualityAssurance\Application QA\Analytics QA\Analytics QA Automation) For the scripters, this should be the usual weekly update you've been giving. For the manual analysts, this update should be a general status update and include what you worked on the past week, what you're going to work on this week, and any upcoming expected changes you know about.</p> <p>Scripters and analysts should add their weekly update to the OneNote by the end of the day before the meeting so that I can take a look and be ready to answer any questions when we meet in the morning.</p> <p>We will also use time during this meeting to go over automation terminology and concepts so that everyone is on the same page when we're talking about test creation. If there are any particular automation things you want to know more about, ask to have them featured!</p> <p>Kate</p>
--	---

Notes

Subject	Non-PA3/PLM Analytics Automation weekly
Date and Location	Thursday, July 21, 2016 8:30 PM - 9:30 PM, Hyderabad 506 VideoConference; Norwalk 601 102 VideoConference; Hyderabad 802 VideoConference
Attendees	Kate M. Kuzin; Rajeeta Krishnan; Bhupender Agarwal; Deekshith kumar Lingoju; Mahendra Tribhuvan Sura; Ritu Raj Shrivastava; Priyanka Ghose; Lakshmi Anusha Kota; Nallini Chandramohan; Neekens Desther; Hema Latha Ikkurthi; Frank Rende; Ranvijay Kumar singh; Santhoshi Chepuru; Eyme Ann Mathew; Ken D. Morris; Vasavi Tallada; Charuvaka Thallapelli; Shireesha Gaddam; Aswani Kolli; Komal Agrawal; Vijay Bhaskar Varma Tirumalaraju; Yuga Padmaja Pasupulate; Sreeram Kotamarthy; V N Kiranmai Malladi; Usha Sai Masabattula; Durga Prasad Vemula; Geovanna G. Bonilla; Nikitha Kodavoor; Pavan Alenji; Biswanath Padhi;
Message	<p>Hi Team,</p> <p>This is the new weekly automation meeting for the Quant/Optimizer/RAS (non-PA3) products. It replaces the old weekly automation meeting held at this time.</p> <p>There is a OneNote located here for weekly updates. (\\pc.factset.com\dfs\Department\QualityAssurance\Application QA\Analytics QA\Analytics QA Automation) For the scripters, this should be the usual weekly update you've been giving. For the manual analysts, this update should be a general status update and include what you worked on the past week, what you're going to work on this week, and any upcoming expected changes you know about.</p> <p>Scripters and analysts should add their weekly update to the OneNote by the end of the day before the meeting so that I can take a look and be ready to answer any questions when we meet in the morning.</p> <p>We will also use time during this meeting to go over automation terminology and concepts so that everyone is on the same page when we're talking about test creation. If there are any particular automation things you want to know more about, ask to have them featured!</p> <p>Kate</p>

Notes

- Ask PS engineer to upgrade slick-grid version.
- Find SPAR3 release date.

- Find solution to handle permissions in PS.

2nd March 2017

- Toolbar functionality is stable in SPAR3.

Meeting with Tribhuvan and Deekshith

Monday, January 02, 2017 8:17 PM

2nd Jan 2017

- We can have project specific thief helpers as well which would in turn call the generic helper functions. This will reduce the number of updates we have to make to generic xpath based on application dependency (Tribhuvan).
- Check for Ranvijay's leave.
- **Root elements of different application differs. Can it be same for all?** Currently found solution to work using css selector.

Deekshith:

- Create data files for fetching data to verify content of confirmation dialogs and to open documents using given path.

6th March 2017

Tribhuvan:

- PLM meetings. Plan to meet Yuga for discussing new automation.

Deekshith

- One ER pending for thief-grid team. Josh Fee asked business requirement.
- Santhoshi - Investigated to capture CPU Usage in the scripts.
- Santhoshi - Documented RPD resolution codes, tags with example of few scenarios.

13th April 2017

- Working on investigating reason for not able to select option from an expanded tree using thief helper of option pane. - Check with Komal
- Check how drop down item reference is collected - Deekshith.

24th April 2017

- Email from Neekens about ORCA setup. - Tribhuvan
- Follow up with Komal regarding the use of option-pane helper functions - Tribhuvan.
- Custom error for jasmine matchers. Code to take Screenshot should be made optional. Default should be true - Deekshith.

8th May 2017

- Option-pane-helper: Had meeting with Adam and found an issue with helper code (these helper functions are written by Adam) - Tribhuvan, Komal - Filed gitlab issues: <http://jsbin.factset.com/nezih>
- Speed Sprint statics to be updated - Deekshith, Tribhuvan - Done(Refer [Speed Sprint April '17](#)).
- Custom error for jasmine matchers. Code to take Screenshot should be made optional. Default should be true - Deekshith.
- Had a catch up with Min to make her understand about "Create/Edit Custom Grouping" dialog DOM changes - Tribhuvan (follow up with Aadam)
- Follow up on multi-header prebuild for filing thief-grid helpers issues.
- Follow up on **edge** prebuild with Adam - Tribhuvan.

Prioritizing Analytics Product Road blocked Test Cases

Wednesday, May 17, 2017 7:36 PM

S. No.	Issue Name	Scripter to Review TC	Notes
1.	Charting, Drag and Drop (1, 32)	Ranvijay	Drag and Drop RPD:31341264 (for drag and drop) Virtual listbox have support for drag and drop (as thief team confirms). Hence, Columns (for now) can be 13 - Automatable 2 - Automatable with Minor Changes 17 - Not - Automatable Charting RPD:31380276 - Assigned to Ranvijay. He is waiting on charting team to provide support from charting api.
2.	Downloading (45)	Priyanka	
3	Queue (16)	Vasavi	
4	RunApp (27)	Sudha	Save related functionalities should be automated only if failure in last job doesn't affect the existing job.

Plan to Automate **Ready For Scripter** pool

Product	Test Cases Ready to Automate	% left to automate
AXP 2.0	5	7.6%
BPM 2.0	1	0.8%
PA3	22	4.2%
PDB 2.0	13	22.4%
PLM	1	2.2%
PRU	6	35.2%
QS	9	10.2%
SPAR3	2	10.5%
AT4	0	0%

Count of **Road Blocked** Test Cases

Product	Test Cases Road Blocked	%
AT4	37	10.9%
AXP 2.0	6	9.8%
BPM 2.0	27	21.6%
PA3	121	23.5%

PDB 2.0	14	24.1%
PLM	1	2.2%
PRU	0	--
PS3	0	--
QS	0	--

Count of **Won't Automate** Test Cases

Product	Test Cases Road Blocked	%
AT4	8	2.3%
AXP 2.0	3	4.9%
BPM 2.0	4	3.2%
PA3	56	10.8%
PDB 2.0	0	--
PLM	0	--
PRU	0	--
PS3	1	5.5%
QS	8	8.9%

PA3 Goals - Season 2

No. of Scripters: 4 (2 scripter will also support PA3 prebuild testing)

No. of Test Cases can be automated in a week: 1/2 test case per person * 2/4 = 2 to 4 TC per week (if 2 resources working) OR 4 to 8 TC per week (if 4 resources working)

Milestone	No. of Test Cases to be Automated	Tentative Dates
1	4	
2	6	
3	6	
4	6	
Total	22	

Meeting with Owen McCabe

Wednesday, April 12, 2017 8:04 PM

- Happy to see good support for engineering team.
- Do lead engineers mention of the value automation adds in general.
- Automation process explanation.

Preparation to meet Rob

Thursday, May 18, 2017 10:35 PM

Analytics Automation Reporting Structure

Bhupender

Tribhuvan - Responsible for RAS and Portfolio Infrastructure

Deekshith - QUANT and Risk

Achievements:

- Reducing Prebuild testing time which helps bugs to be reported/fixed and ultimately contributing to faster delivery enhancements to client.
- Reduced maintenance through collaboration with Engineering and PDs.
- 60% coverage through automation for web apps.

Plans going ahead

- Collaboration with Engineering
 - Automated scripts will become part of build trigger process.
 - Fixing bugs early in development cycle.

Questions?

- How is the client migration of PA2 to PA3 going? Is there any specific plan/strategy to speed up retiring PA2?
- What are the products that SBU is currently focusing?

Final PPT:



AnalyticsQA

Discussion on Merging and Releasing npm modules for projects

Thursday, June 08, 2017 8:34 PM

- Tellus to download project from git instead of doing it from artifactory.
 - We need to fork the repo, say qa-test-pa3, and submit your changes to forked repo.
 - Tellus need to have a field on JEP to enter the path to forked repo.
 - This path will override and TTM mapping and will download the project from this forked repo.
 - Once testing is done, merge request is raised to submit it to master.
 - We have to release the changes in master along with engineering releasing their master as new devel branch.
 - We have to rely on cut-off time for devel promotion.

Agenda for Meeting with Kate

Wednesday, June 28, 2017 9:16 PM

1. Demo on local execution of automated projects through proxy server.
2. Collect metrics on
 - a. New development vs Maintenance vs R&D (Refer Excel Sheet Data).
3. As we have plan to increase our product knowledge we need more e-learning modules which would give high level overview of the products.

Questions:

1. How headcount allocation takes place?
 - a. Why analytics team is short of Analysts/Scripter headcount when compare to Core Team?
2. Being part of SBU we have many advantages of operating with freedom do you see any challenges of operating separately?

Other Meetings

Monday, June 19, 2017 6:52 PM

Certification

Thursday, March 30, 2017 10:38 PM

Criteria - Plan A

1. Person working independently can be considered working in other shift.
 - a. Minimum tenure of person should be 2 years for Automation Analyst/ 15 months for Analyst.
 - i. New Analysts can work in shift same as trainer. This is not applicable for Automation Analysts.
 - b. Person should be flexible to come in other shift whenever required.
2. Should be available on call in urgency from home.
3. Update stakeholders and managers regularly about project status.
 - a. RPD/JIRA has to be updated in timely fashion with concrete details.
 - b. If there are pending issues which need to be addressed immediately and for some reason he/she is not able to complete the same before shift time completes; they should decide on who would be taking up the task and inform the same to manager.
4. In agile process, if 2 or more person working on same project then they can rotate shifts.
 - a. Person at home should be attending sprint planning, retrospective, backlog grooming meeting from home.
5. Everyone has to provide update on shareable one note every day.

Plan B

- Divide the team in 50-50 where we have mix of good and average/low performers. These groups will be doing rotational shifts in 3 or 6 months (as preferred by team).
 - In agile process, if 2 or more person working on same project then they can rotate shifts.
- Good/individual performers becomes responsible for assisting and supporting the team working in their respective shift.
- Meetings has to be reschedule in overlap time.

Shift Transition

- Proposed shift timing:
 - 9:30 AM to 6:30 PM
 - 11 AM to 8 PM
 - 12 PM to 9 PM

Meeting 2 - 5th April 2017

Meeting 2 - 20th April 2017

Eligibility Criteria	Reason	Comments
Should have 1.5 years of tenure for	Automation Analyst/Analyst takes time to	

Automation Analyst and 1 year for the Analyst.	understand the process/tools and operate independently.	
Should have been rated 2 or better at least once in a year.	Person should be able to handle jobs independently without further assistance and keeping the manager in loop about the same.	
Should be ready to do rotational shift. NOTE: If two people working on same project and eligible to move to general shift then they have to rotate their turn.	As we might have new hires/underperformers working in evening shift we need people to support the business and assist others.	
TLs can work in 12-9 shift.	They need to have meetings with stakeholders and should be interacting with the team to get project updates.	

Advantages of working in 12PM to 9PM/General shift

- Better work-life balance would keep the morale high.
- Better collaboration with local Engineering, PD and Regression team.
- Reduce attrition rate in reference to shift concerns.

Shift changing concerns:

- People are willing to work in either flexi/general shift.
- Imposing any specific rules might see risk of attrition or moving to other groups.

PA3 Release workflow - Rajesh

Friday, November 10, 2017 5:27 PM

1. There is going to be two main branches for which not everyone will have access (even QA leads). Those are **Dev** and **Master** branch.
 - a. **Dev** branch is where every engineer push their latest changes.
 - b. **Master** branch is the one which CID looks for creating a new **Devel** version.
 - c. **pa3.regression** branch is cut from **Dev** branch on every **Thursday**.
 - d. Say current Devel version is v218 which was created by CID on this Thursday, then on the same day pa3 team cuts **dev** branch and name it as **v219** which will be given for **pa3.regression** branch testing. This testing is proceeded for one week and on next **devel** promotion day, which is Thursday, v219 code will be merged into **Master** branch and **v220** is cut from **dev** branch for next week's regression testing. Now, the changes of v219 which was merged to master branch will be picked by CID and new Devel version will be created on Thursday with branch name as **release/factset-server/219**.
2. QA's automated repository will be moved inside **FactSet/pa3-frontend/test/e2e**.
 - a. You can still do releases for prebuild testing using the command **grunt e2e-prerelease-new-prebuild**.
 - i. **NOTE:** Use the above command only if you are going to release the prebuild for the first time.
 - ii. **NOTE:** Create branch name with the following convention - **<Override/Prebuild Name>.regression**. Please note that you have to suffix your branch name with **.regression**.
 - iii. Make sure that you have the branch created in the upstream, which is **pa3-frontend** repo in this case, and the files along with prebuild specific changes are present in this branch.
 - iv. You need to run the command from the branch which you want to release. Say, you have a **prebuild** named **rshou-groupings** and you created a branch named **rshou-groupings.regression** and now when you want to release this prebuild you need to checkout to this branch before running this command.
 - b. You can release the patches to the prebuild using the command **grunt e2e-prerelease-update-prebuild**.
 - i. Say you want to release a patch in **rshou-groupings.regression** prebuild then you have to run this command from the same branch.
WARN: Do not run **grunt e2e-prerelease-new-prebuild** command for updating the same prebuild.
 - c. **NOTE:** You need to run this command from **pa3-frontend** root directory.
3. For merging changes into **pa3.regression** branch (which is v219, while devel is v218) you first have to raise **Pull Request (Merge Request)** in GitHub are called as **Pull Request** to merge the changes into **Dev** branch. Once the PR is reviewed and accepted the same will be cherry-picked into v219. Now, to make this changes available for testing from Tellus you need to checkout to branch v219 and create new branch out of this with name **pa3.regression.regression** (as **pa3.regression** is our override/prebuild name and **.regression** has to be followed as per the convention).

NOTE:

1. Ask Rajesh to release first time pa3.egression with name as **pa3.regression.regression**
2. What if **e2e-prerelease-new-prebuild** is executed on already released prebuild?

Questions for Rajesh:

- Convention of branch will be ***.regression** or ***-regression**? As I see default pre-release branch name is **pa3-regression** ([reference](#))

PA3 - moving automation test suite to GIT - Round 2

Thursday, August 03, 2017 10:22 PM

Meeting Date: 8/3/2017 9:30 PM

Location: Hyderabad 506 VideoConference ; Norwalk 601 306 VideoConference

Link to Outlook Item: [click here](#)

Invitation Message

Participants

-  [Rajeeta Krishnan](#) (Meeting Organizer)
-  [Kate M. Kuzin](#)
-  [David Goldbaum](#)
-  [Chris Casola](#)
-  [Bhupender Agarwal](#)
-  [Eyme Ann Mathew](#)

Notes

Questions for moving automated inventory to engineering repo

- Number of sneaks QA makes.
- Code Freeze scenarios will block us from submitting the changes/new scripts to repo.
- Tellus needs to have project released as npm module.

Core UI Team

Wednesday, April 26, 2017 7:09 PM

26th April 2017

Points to be discussed:

- Thief-Angular:
 - <https://gitlab.factset.com/web-infrastructure/thief-angular-testing/issues/56> - Request to have collapse() function for virtual list box.
- Thief-Grid:
 - Existing helpers are not supporting when we have secondary headers (found recently).

Meeting Notes:

- List of priorities -
- File issues
 - Option-pane
 - Thief-grid - multi header
 - Multi-header : New feature
- Thief-helper dependency on thief version can be found in bower.json file which is available at **thief-angular-testing** library.

Connect with BrowserStack - Before Kick off

Monday, September 25, 2017 10:41 PM

Meeting Date: 9/25/2017 10:30 PM

Location: Norwalk 601 105 Situation VideoConference

Link to Outlook Item: [click here](#)

Invitation Message

Participants

Notes

- Can we access MS suite applications like excel, pdf, word etc?
 - No, only browser related actions can be automated.
- Mobile APKs - where it should reside?
 - Can be on our server.
- Downloaded files - where it'll be?
 - It'll be on our server - machine from which execution of scripts happen.
- API for getting information on browser?
 - They have API to get such information.

Takeaways from Jay's Meeting

Thursday, May 11, 2017 3:11 PM

- Reduce prebuild testing.
- Reduce backlog through taking it to priority.
- Find redundant testing.
- Focus on bug prone areas instead of testing everything.
- Retire old apps when new becomes available.
- Plan to meet analysts to see what can be improved.
- Watch google talks.
- Functionality based testing.

Rajeeta

Thursday, March 02, 2017 5:20 PM

Monthly Meetings

Thursday, March 16, 2017 6:43 PM

16th March 2017

- Prepare my list of priorities for the team.
- Assigning RPDs to scripters.

Topics that we discussed on 3/16/2017 and we need to follow up on:

1. Adding relevant PA3 scripter to test case/plan to make it easier for analysts & scripters to review scripts when it fails thereby improving the response time
2. Things that have been long pending for automation – R&D for upgrading protractor, Selenium grid, GIT. Bhupender will provide top 3-5 things and we will plan on accommodating this work in Q3 & Q4
3. Intermitted issues – is this still improving ? 😊
4. Progress on RPD clean up. Plan on what we end of year stats we want to provide Kate
5. Sudha, Kiranmai – training on QA IDs, work on new test cases 😊
6. Sruthi & Vasavi – PA3 prebuilds?

4th May 2017

- Curator for Pa3 regression?
- BVT test for all apps. Deekshith and Kiranmai has some context (related to making some changes to bvt scripts).

PA3 on FDSWeb

Wednesday, February 15, 2017 9:09 AM

Meeting Subject: PA3 on FDSWeb

Meeting Date: 3/13/2017 11:00 PM

Location: Norwalk 601 105 Situation VideoConference ; Hyderabad 506 VideoConference

Link to Outlook Item: [click here](#)

Invitation Message

Participants

-  [Rajeeta Krishnan](#) (Meeting Organizer)
-  [Saadia Ahmed](#)
-  [Bhupender Agarwal](#)
-  [Eyme Ann Mathew](#)
-  [Vasu Nakka](#)

Set Overrides: <https://user-version.apps.factset.com/home/>

Configurator API URL: <http://is.factset.com/caccess/configurator.asp>

Notes

- Saadia
 - Have to check if new app url (pa-beta) is going to change?
 - Have to check override is going to be persistent or bound to change.
- Rajeeta
 - We might be running pa3 on both fdsweb and standalone.

Kate

Wednesday, February 15, 2017 4:12 PM

Pushing Deekshith and Tribhuvan to have overall Metrics to be collected.
Take couple of test case for PLM.
Check with Komal when it started

Performance Appraisal Tips

Start writing PA once in a month. Probably maintain in one note.
Have monthly feedback.

16th May 2017

- Come up with plan on PA3 Goals - Season 2.

9th June 2017

- Deekshith and Tribhuvan suggests to limit projects to move over to GIT to PA3, PRU and PDB.
Once stability is achieved we can work on other products.

12th June 2017:

- New headcount for AT4.
- Email geovanna or neekens to remove oms from list builder.

26th June 2017

My Points

- Vermillion demo by Frank.
- Preparing PA3 to be completely on GIT. Target to retire Performer scripts in next 2 weeks.
- Working on preparing project to be able to run locally by engineers.

Points from Kate

- PDB dependency on workstation.
- When AT4 can be moved to GIT.

Weekly Meeting

Wednesday, October 25, 2017 3:23 PM

25th October 2017

- Except PS3 all applications are moved to GIT.
 - PLM is still pending for TTM mapping which is on hold due to restructuring/revamping of test plans.
- AT4, PA3, SPAR3, PLM, PRU projects are enabled with 2-step installation. Remaining projects need to be updated with this process.
 - Have to meet with different engineering teams to explain the same and have them running these automated scripts. However, there is a discussion going on with Ben Batha on our release process.
 - We are planning to merge tests and page object repos after which we plan to take sessions for Engineering teams.
 - We are also evaluating either to use npm or yarn as package manager for faster installation of our projects.

Notes:

- Terrance will be invited to next meeting to show how kibana logging will be enabled if Engineers start running automated scripts.

SPAR - Bryan Richards

Wednesday, February 15, 2017 1:26 PM

- SPAR uses SIT for their service testing.
- Salvage old e2e test cases if possible.
- Bryan think SIT and Services testing are same.
- SPAR has it own charting service which rendering charts.

Analytics QA strategy

Thursday, July 13, 2017 7:02 PM

Meeting Date: 7/13/2017 6:30 PM

Link to Outlook Item: [click here](#)

Invitation Message

Participants

Notes

- Contact Engineering group and get information on what all services our web applications uses.

Hi,

Automation team have been exploring the tool called SOAPUI for doing web-service testing. It is very efficient and has seamless integration with SOAP and REST services. Web-service testing would help us automate scenarios, such as validating excel downloaded data, report calculated data, default expected values when document is loaded etc., in a fast and efficient way.

So far other automation groups (Core Automation, Platform Automation and IS Automation) have embarked on this journey and we would like to adopt the same. But, before we begin on this, I would like to know the list of all the web-services that <AppNameHolder> uses.

Once we have list of all the web-services that various Analytics Applications uses my team can work on mapping the most commonly used web-services across different applications and plan on automation strategy to automate these services using SOAPUI.

I request you to provide me the list of all web-services that <AppNameHolder> uses. It would be great if I can point me to the documentation of these web-services and its API structure.

Please let me know if I can provide any other information.

Thanks,
Bhupender Agarwal

Plan to Move to GIT

Tuesday, July 18, 2017 11:04 PM

No. of Test Plans in PA3: 41 (36 - PA3, 5 - STU)

No. of Automated Test Cases: 250 (PA3) + 18 (STU)

Current Status:

1. We have Devel, QA and Live code available on GIT.
2. Capable to run on FPE (it should be workstation independent) and SGE.
3. Engineers will be able to run the project using simple 2 step process.
4. Tellus support downloading and running PA3 from GIT on both environment.

Tasks Pending:

1. Change Tellus Test Manager Mapping to download test cases from GIT instead of From Perforce.
2. Testing Scripts from GIT onto FPE and SGE. This task should be done Test Plan wise.
3. Need to identify curator for the project who would be allowed to do Merging and Release the changes to artifactory.

Challenges Moving over to GIT:

1. Changing Tellus Test Manager (TTM) Mapping could be time consuming.
2. While doing Test Plan wise testing we should make sure that CRON jobs are not affected.
3. Team need to be quick with making submissions to GIT and raise merge requests.

Solutions I can think of for above challenges:

1. Develop an automated script which can set the mapping of test cases on TTM so that we can use it for multiple projects.
2. Change mapping gradually rather than doing all at once so that we do not affect Production Jobs.
3. Conduct sessions on GIT workflows.

Action Points

- Move PA3 back to FPE until SGE is stable and continue to test GIT-FPE combination.
- Change TTM mapping for at least 6 Test Plans per day to move to GIT.

NOTE: If anything while testing GIT-FPE combination fails we'll fall back to Perforce until underlying issues are identified and fixed.

Tuesday, July 25, 2017 8:36 PM

- Create stories on JIRA for moving applications to GIT.
- Create one stop solution to get information on various projects.

Rajul

Tuesday, February 28, 2017 8:38 PM

8th June 2017

- Post R&D work on socialcast.

Serial Number use for Parallel execution on SGE

Tuesday, February 28, 2017 9:04 PM

Meeting Date: 2/28/2017 8:30 PM

Location: Norwalk 601 101; Hyderabad 503

Link to Outlook Item: [click here](#)

Invitation Message

Participants

-  [Rajul Shrivastava](#) (Meeting Organizer)
-  [Vasu Nakka](#)
-  [Eyme Ann Mathew](#)
-  [Bhupender Agarwal](#)
-  [Priyanka Muddalapuram](#)
-  [Ken D. Morris](#)
-  [Joseph Hwang](#)

Notes

- Either create web service or lock file having SN. - Suggestion
- Framework like to provide end point for SN - Vasu.

TODO:

- Develop script to hit web-service to get SN.
- Update configuration to create separate log files for each instance.

Team Leads Meeting

Friday, November 10, 2017 9:47 PM

Code standards and best practices

- We have to revisit the documentation and elaborate it.

Code Reviews

- Add default assignee for Merge Requests in GIT to do spot check on code going into the repo.

Apps ready for automation

- Naming convention for QA attributes.

January 2018

Wednesday, January 10, 2018 8:55 PM

Automating Content collection tools- tellus roadblock

Friday, January 05, 2018 7:01 PM




Meeting Date: 1/5/2018 6:00 PM

Location: Hyderabad Divyashree 1114

Link to Outlook Item: [click here](#)

Invitation Message

Participants

-  [Mushtaq Mohammed](#) (Meeting Organizer)
-  [Bhupender Agarwal](#)
-  [Avanthi RENTAL](#)

Notes

Requirements for Running Application

1. Content application opens only in Citrix Environment (not sure why this is a hardcore rule).
2. Test Complete has to be installed in Citrix environment - Doable.
3. Both application and Test Complete needs to be running on Same Citrix server in order to automate CC application.

How are we launching CC application?

1. Test Complete should be launched from Citrix Receiver.
2. CC application shortcut link is provided in Citrix Receiver and this link should be used in order to launch the application on the same server as TC is running on.

Questions?

1. Can we launch CC application through command line within the server where TC is running instead of launching it from Citrix Receiver? Or Can we launch Citrix Receiver applications from machine's command prompt?
2. Can we run the application with the same account on multiple VMs in case if have to run automated jobs from tellus?
3. How to move files into and out of Citrix server?

Requirements from Tellus and Scripting Side:

1. Citrix Receiver should be present on all VMs with Test Complete, Test Execute, and CC Application installed on the same server - **Tellus**
2. The account used by Tellus should be given access to launch CC Application - **Tellus**
3. Script or Bat file need to be written which should launch Command prompt on the server (Thus Citrix Receiver should have command prompt also) where TC and CC Application is hosted and TestEXecute command should be executed on that command prompt in order to run automated scripts - **Scripting**.
4. Script to be developed to move files b/w machines - **Scripting**.

R&D Tasks

1. Research to launch Citrix Receiver and applications published on it via command line.
2. Check if scripts running on the machine can interact with an application running under Citrix Environment on Virtual Machines.
3. One has to research on moving files into and out of Citrix server.

From <<http://is.factset.com/rpd/summary.aspx?messageid=37298465>>

CID Setup for Universal-Screening App

Wednesday, January 10, 2018 8:52 PM

>>> *wanted to know if you are executing them on your machine or through CID?*

[Joseph] Both. The workflow looks like this:

CID:

CID `—[calls]—> TestRunner.groovy —[calls]—> protractor with qa-test-us`

QA (“unit test”):

`qa-cid-test —[calls]—> TestRunner.groovy —[calls]—> protractor with qa-test-us`

IMPORTANT: The Jenkinsfile in qa-cid-test project is only for QA’s own test-driving of TestRunner.groovy. CID only calls TestRunner.groovy, not Jenkinsfile, from qa-cid-test Git repo.

>>> *are you suppose[d] to maintain **TestRunner.groovy** script in your frontend project as well?*

[Joseph] Which “frontend” you are referring to? Tellus? This has nothing to do with Tellus.

>>> *I want to know what configuration changes you made to Jenkins? Are there any additional files you maintain in frontend code repo?*

[Joseph] Jenkins configuration is in Jenkins project itself, as you can plainly see. Additional configurations like project type (protractor vs Ruby Selenium) of each app is currently hardcoded in TestRunner.groovy itself (the `config` object in the beginning of the file). We might look into using a separate configuration file in the future.

>>> *How **is qa-cid-test** set to trigger when any pull request was made for your app?*

[Joseph] The qa-cid-test project is current not setup to trigger run on pull request, but it could be in the future. For QA’s own (“unit”) test, we currently just click “Build Now” manually.

>>> *Currently, **qa-cid-test** has configuration set screening application. In order to utilize for other projects why not we have **TestRunner.groovy**, **Jenkinsfile** as part of application repo rather than maintaining it as a separate project in GitHub?*

[Joseph] I have changed the qa-cid-test Jenkins project to be parameterized: it will prompt for app name etc. So it will work with any app.

Email Thread:



RE Request
to give ov...

Discussion on SoapUI PRO license

Wednesday, January 31, 2018 7:57 PM

Meeting Date: 1/31/2018 7:30 PM

Location: Hyderabad Divyashree 1107 Presentation

Link to Outlook Item: [click here](#)

Invitation Message

Participants

Notes

- With PRO license we are able to automate much faster due to the features it provides such as point-and-click, more assertions, environment support etc., which is also a compulsory requirements.
- Data source driven testing is needed for almost all applications from Research and Platform group.
- File comparison, excel comparison, PDF reading, importing external JAR files etc., are some of the features which PRO version provides within groovy scripts. Platform uses this feature majorly.
- Platform team is using TestComplete scripts to read charts in excel (for verifications) from SoapUI pro.
- Getdata() method in groovy script - used to get xpath of response. Platform and CTS team is using this feature.
- **Suggestion:** We must have one floating license per SBU/group so that non-active soap ui script can use it whenever required.

February 2018

Thursday, February 08, 2018 5:59 PM

Test Complete Project structure Review - PMT

Thursday, February 08, 2018 5:59 PM

Meeting Attendees: Karthik Patharla, Prashanth

of automated test cases: 17; 5-Karthik, 12-Prashanth

- Currently they don't follow automation status for tracking test cases which are ready for automation. Rather they have RPD to work on automation test cases.
- Aditya Samabaraju, Tarak and Raviteja are analysts.
- Tarak - Portfolio View
- Aditya - PMP; Prashanth recently started working on this.
- Tarak, Karthik and Prashanth reviewed the Test Plans together (for 2 months) to have Tarak an essence on what are the automation challenges.
- Raviteja will work on adding test cases for **Time and Sales** product.
- PV is in process of converting into web.
- Karina going through product priorities. PV and PMP are high priority for now.
- Use GIT for reviewing code changes and also for maintaining revision history.
- Suggested some ways to optimize code.
- 4 test cases are already ready but waiting on issues to be cleared.

Part 2

Monday, February 26, 2018 6:50 PM

Meeting Subject: Project structure review





Meeting Date: 2/26/2018 6:30 PM

Location: Hyderabad Divyashree 1104 Training

Link to Outlook Item: [click here](#)

Invitation Message

Participants

-  [Prashanth kumar Mudarakola](#) (Meeting Organizer)
-  [Bhupender Agarwal](#)
-  [Karthek Patharla](#)
-  [Karina Palterman](#)

Notes

- Only 3 test cases are available for automation
 - Reviewing of test case is also consuming time
 - Suggestion: Analyst should review thoroughly for automation feasibility
 - Prashanth and Karthik worked on adding custom attributes to PV and PMP application
 - Waiting for some attributes to be added to application which could help us stabilize automated scripts
- File RPD for Roadblock automating Charting related test case
- Use JSON objects for methods having more than 2 arguments
- Create more modular functions which can improve readability and maintainability
- As we have many utility functions ready now, expecting 3-4 test cases being automated per week per person
 - Check the automation count next week (should have 6-7 test cases automated, considering 2 persons automating)
- Start creating separate pages which holds functions related to each page.
 - For example, create following files for PMP:
 - UtilsPMP: Holds utility functions which are common to both Monitoring and Simulation Tab
 - PMPMonitoring: Holding utility functions related to Monitoring Tab
 - PMPSimulation: Holding utility functions related to Simulation Tab

SOAP UI - GIT Move

Wednesday, February 28, 2018 3:17 PM




Meeting Date: 2/28/2018 3:00 PM

Location: Hyderabad Divyashree 1113

Link to Outlook Item: [click here](#)

Invitation Message

Participants

-  [Shiva Kumar Macharla](#) (Meeting Organizer)
-  [Bhupender Agarwal](#)
-  [Priyanka Muddalapuram](#)

Notes

- Check if we can read external JSON files and text files in Soap UI PRO.
- Check if there is a way to create utilities in Soap UI which should be able to use across all projects
- Found a way to generate XML log files directly from Soap UI PRO. We need to add the following options while running the project:

-R "Data Export" -FXML

This will generate XML logs as well and you can find the same at

<Results_Folder>/<TestSuiteName>/<TestCaseName>/TestCaseTestStepResults.xml

NOTE: If your TestSuiteName or TestCaseName has any special characters such as hyphen, underscore etc then during XML reporting it'll be removed. For example, "AllEstimates_BrokerWidget" will be converted to "AllEstimatesBrokerWidget".

Project Structure Discussion

Final files decided to be moved to repo:

- a. <project_name>.gemspec
- b. Gemfile
- c. test-config.json (for default values)
- d. UtilsSoapUI
- e. Logger
- f. CHANGELOG.md
- g. .gitignore
- h. .gemrc
- i. LICENSE.txt
- j. README.md
- k. serialNumber.txt (for default SN)

Action Items

1. Create a project named **fds-qa-soapui-common** where we should maintain **UtilsSoapUI** and **Logger** files
2. Removed references of functions from **UtilsCommon** (this is already done. We decided to maintain these functions in **UtilsSoapUI** directly)
3. Add **project_root_dir.rb** file to **fds-qa-test-estimates-soapui** (example project we are targeting to go for POC)
4. Pull out **ExecuteSoapTests** function out of **UtilsSoapUI** and create a different file in **fds-qa-test-estimates-soapui**
5. Require **project_root_dir.rb** file in newly created file so that it sets the global parameter for accessing project's root directory path in other areas.
6. Add **fileutils** and **nokogiri** as dependency in **fds-qa-soapui-common** project

7. Add **fds-qa-soapui-common** as dependency of **fds-qa-test-estimates-soapui**

NOTE: We don't have **fds-qa-soapui-common** project created yet

Sample Project on GitHub: <https://github.factset.com/bhagarwal/fds-qa-test-estimates-soapui>

March 2018

Wednesday, March 07, 2018 2:31 PM

FW: Automation QA integration into Pa3 repo

Wednesday, March 07, 2018 2:31 PM

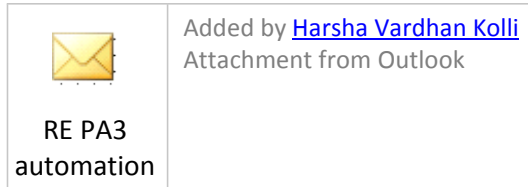
Meeting Date: 3/7/2018 2:30 PM

Location: Hyderabad Divyashree 1109 VideoConference


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Content



Participants

-  [Harsha Vardhan Kolli](#) (Meeting Organizer)
-  [Vinil Pokala](#) (Accepted in Outlook)
-  [Rajesh Shou](#) (Accepted in Outlook)
-  [Sasi Meka](#) (Accepted in Outlook)
-  [David Seah](#)
-  [David Goldbaum](#)
-  [Deekshith kumar Lingoju](#)
-  [Mahendra Tribhuvan Sura](#)
-  [Bhupender Agarwal](#) (Accepted in Outlook)

Notes

- Trail run was done on 5th March which is successful.
- Branch in main PA3 repo was created for trial run.

NOTE:

- **Dev** is main branch in engineering repo where they make all latest changes on this branch.
- New branch with name **v<version_number>** will be created every week which will be used for regression testing.
- As soon as changes are pushed to master it'll be placed in edge stage by CID.
- Raise PR for each changes to be submitted to Dev.
 - Someone from Analytics team would be added to BOT which assign them to default assignee for code reviews.
 - Only after code review sign off PR will be accepted
- Create fork of main repo and work on forked repos.
- PR submission should have checks enabled.
- If something breaks during feature enhancements from engineering side
 - Open JIRA subtask and assign it to Pa3_automation curator.
- Cherrypick changes from **v<version_number>** to **dev** branch.
- **NOTE: Do not directly rebase v<version_number> to other v<version> branches or dev branch.**
- Currently **Grunt build** task is going to build both application and qa files but we don't need to build qa projects