

qe-yast - coordination #93668

[epic] Redesign Installation test modules

2021-06-08 14:16 - oorlov

Status:	New	Start date:	2021-05-24
Priority:	Normal	Due date:	
Assignee:	JERiveraMoya	% Done:	94%
Category:		Estimated time:	0.00 hour
Target version:	Current		
Description			
Motivation			
<p>Redesigning existing test modules to use Page Object Model + LibyuiClient + declarative scheduling and based on documented test cases will give us the following advantages:</p> <ul style="list-style-type: none">• Test Cases: Ability to know existing automation tests coverage and plan further tests;• LibyuiClient:<ul style="list-style-type: none">◦ Stability of tests when non-functional changes are introduced (e.g. background color or font style) as the tests will not be dependent on needles;◦ Decrease execution time, as test can immediately react on page changes.• YAML scheduling: Test Suites independence, i.e it allows to change the schedule of particular test suite without risk of breaking schedule of another test suite;• YAML test_data:<ul style="list-style-type: none">◦ Allows to separate test data from the test code;◦ Test Data Driven approach and reuse the code by providing different set of data.• UI Test Automation Framework with layers and Page Object Model pattern:<ul style="list-style-type: none">◦ Separation of test logic from the implementation;◦ Clear steps in business logic terms allows more easily debug the failed tests;◦ Distribution Factory allows to get rid of complex conditional logic to support different versions of products and also eliminate risk of breaking tests for old product versions once updating the ones for the new versions and vice versa.			
Subtasks:			
action # 93029: Implement test module for Product selection using LibyuiClient in YaST ...			Closed
action # 93032: Use accept_license module with libyui-rest-api in all test suites in Ya...			Closed
action # 93624: Implement test module for Local user selection using LibyuiClient in TW...			Closed
action # 93656: Implement test module for root user set up using LibyuiClient in TW, Ya...			Closed
action # 94883: Implement test module for switching keyboard layout			Closed
action # 94889: Implement test module for clock and date configuration			Closed
action # 95476: Implement test module for system registration during installation			Closed
action # 95745: Use NavigationController in all existing test modules that use LibyuiCl...			Closed
action # 96801: Refactor existing select_role test module to be explicit and not use te...			Closed
action # 96803: Replace system_role test module with the ones that explicit in what rol...			Closed
action # 96809: Implement test module for encrypted volume activation and cancellation ...			Closed
action # 96813: Leave only one getter for GuidedSetupController in Distribution::Opensu...			Closed
action # 98889: Implement disable grub timeout with client libyui-rest-api			Closed
action # 98904: Implement simple start installation using client libyui-rest-api			Closed
action # 98955: Implement manual intervention with client libyui-rest-api			New
action # 98958: Implement await installation with client libyui-rest-api			Closed
action # 98961: Implement module to click OK to reboot system after installation with c...			Closed
action # 98967: Implement Disk Activation - Configure ZFZP disks using client libyui-re...			Closed
action # 98970: Implement Disk Activation - Configure DASD disks using client libyui-re...			Closed
action # 98985: Implement Partitioning Scheme in Guided setup using client libyui-rest-api			Closed
action # 98988: Implement Select Hard Disk(s) in Guided setup using client libyui-rest-api			Closed
action # 98994: Implement Filesystem Options in Guided setup using client libyui-rest-api			Closed
action # 102131: Improve summary parsing in encrypt_lvm_reuse_existing with libyui-rest...			Closed
action # 102158: Implement logic for providing URL in Add-On product with YuiRestClient			Closed

action # 102161: open SSH port in Installation Settings using YuiRestClient	Closed
action # 102164: Edit optional Kernel params with YuiRestClient	Closed
action # 102188: Implement activate online repositories with YuiRestClient and schedule...	Closed
action # 102191: Apply existing test modules using YuiRestClient to openSUSE YaST sched...	Closed
action # 103362: Replace "installation_overview" test module with the one that uses Lib...	Closed
action # 103365: Replace "installation_overview" test module with the one that uses Lib...	New
action # 103371: Implement remaining uses of addon_products_sle with client libyui-res...	Closed
action # 104769: Split welcome in gnome_http, gnome_smb & repo_inst to use libyui-rest...	Closed
action # 104791: Import user from previous installation with libyui-rest-api	Closed

Related issues:

Related to qe-yast - action #97973: Revisit design with client libyui-rest-ap...	Closed	2021-09-02
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History

#1 - 2021-06-08 14:18 - oorlov

- Subject changed from [epic] Redesign Installation modules to [epic] Redesign Installation test modules

#2 - 2021-06-08 14:19 - oorlov

- Assignee set to oorlov

#3 - 2021-07-20 16:16 - oorlov

- Target version changed from SLE 15 SP3 to Current

#4 - 2021-09-20 06:16 - JERiveraMoya

- Related to action #97973: Revisit design with client libyui-rest-api until system role selection added

#5 - 2022-02-24 14:35 - oorlov

- Assignee changed from oorlov to JERiveraMoya