

qe-yast - action #71122

coordination # 69394 (Closed): [y][epic] Add test for the YaST 1-click install

[y][timeboxed:12h] Organize and open tickets for yast-metapackage-handler unit test

2020-09-08 16:46 - syrianidou_sofia

Status:	Resolved	Start date:	2020-09-08
Priority:	Normal	Due date:	
Assignee:	syrianidou_sofia	% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:	SLE 15 SP3		

Description

The following parts of yast-metapackage-handler package code, are considered to be the basis for the unit test:

[src/modules/OneClickInstall.rbsrc/modules/OneClickInstall.rb](#)

Load

xpath_element

xpath_text

GetRequiredRepositories

GetNonRequiredRepositories

SetNonRequiredRepository

SetRequiredRepositories

GetRepositoryName

GetRepositorySummary

GetRepositoryDescription

GetRequiredSoftware

GetRequiredPackages

GetRequiredPatterns

GetRequiredRemoveSoftware

SetRequiredSoftware

GetNonRequiredSoftware

GetNonRequiredRemoveSoftware

SetNonRequiredSoftware

SetRequiredSoftwares

GetSoftwareSummary

GetSoftwareDescription

HaveRepositories

HaveSoftware

HavePackagesToInstall

HavePatternsToInstall

HaveRepositoriesToInstall

HaveRemovalsToInstall

HaveRemovals

HaveAnythingToDo

HaveAnyRecommended

makeXMLFriendly

fromXMLFriendly

SetupXML

ToXML

FromXML

[src/modules/OneClickInstallWorkerFunctions.rbsrc/modules/OneClickInstallWorkerFunctions.rb](#)

FuzzyMatch

DeDupe

AddRepositories

InitSlideShow

InstallPackages

InstallPatterns

RemovePackages

RemoveAddedRepositories

There is already small part of the unit test, waiting to be reviewed in PR: <https://github.com/yast/yast-metapackage-handler/pull/22>
The objective is to create various smaller tickets for completing the unit test of the above functions. The second file contains more complicated functions.

Helpful links:

Builtins <https://github.com/yast/yast-ruby-bindings/blob/master/src/ruby/yast/builtins.rb>

Ops <https://github.com/yast/yast-ruby-bindings/blob/master/src/ruby/yast/ops.rb>

deep_copy <https://github.com/yast/yast-ruby-bindings/blob/master/src/ruby/yast/yast.rb>

PackageSlideShow <https://github.com/yast/yast-packager/blob/master/src/modules/PackageSlideShow.rb>

Progress <https://github.com/yast/yast-yast2/blob/master/library/wizard/src/modules/Progress.rb>

SlideShow <https://github.com/yast/yast-yast2/blob/master/library/packages/src/modules/SlideShow.rb>

As an outcome we should get the list of methods to cover in each of the mentioned classes.

History

#1 - 2020-09-08 17:56 - syrianidou_sofia

Instruction on setting up yast-devel environment:

<https://yastgithubio.readthedocs.io/en/latest/development/>

#2 - 2020-09-14 10:30 - riafarov

- Due date set to 2020-10-06

- Target version set to future

#3 - 2020-09-23 08:13 - riafarov

- Due date changed from 2020-10-06 to 2020-10-20

- Category set to Enhancement to existing tests

#4 - 2020-09-30 09:24 - riafarov

- Subject changed from [y] Organize and open tickets for yast-metapackage-handler unit test to [y][timeboxed:12h] Organize and open tickets for yast-metapackage-handler unit test

- Description updated

- Category changed from Enhancement to existing tests to Spike/Research

- Status changed from New to Workable

- Target version changed from future to SLE 15 SP3

#5 - 2020-10-02 09:53 - riafarov

- Project changed from openQA Tests to qe-yast

- Category deleted (Spike/Research)

#6 - 2020-10-08 09:06 - riafarov

- Project changed from openQA Tests to qe-yast

#7 - 2020-10-29 16:54 - syrianidou_sofia

- Status changed from Workable to In Progress

- Assignee set to syrianidou_sofia

#8 - 2020-11-02 19:15 - syrianidou_sofia

- Status changed from In Progress to Resolved

The following tickets have been opened:

<https://progress.opensuse.org/issues/76879>

<https://progress.opensuse.org/issues/76882>

<https://progress.opensuse.org/issues/76885>

<https://progress.opensuse.org/issues/76888>

After reviewing the functions, I have removed a few, that appear too simple, mostly for OneClickInstall.rb

#9 - 2020-11-03 13:47 - riafarov

- Due date deleted (2020-10-20)