SIGOS App Experience

Release Notes

Application Monitoring 9.2.0
Manual Testing 9.2.0
Test Automation 9.2.0
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# Table of Contents

1. Overview ........................................................................................................................................... 4  
2. New Features and Enhancement ........................................................................................................ 4  
3. Updates ................................................................................................................................................ 5  
4. Known Issues and Limitations ............................................................................................................. 6  
5. Appendix: Available REST APIs .......................................................................................................... 9
1 Overview

This release of SIGOS App Experience comes iOS 12.1 and Appium 1.9.1 support

2 New Features and Enhancement

Support for Appium 1.9.1

This release will have Appium 1.9.1 support for both Android and iOS devices

For iOS devices the both iOS11 and iOS 12.1 are supported. For iOS12 we do not support Appium touch functionality

Support for flexible Start at time options

Monitors scheduler offers now more flexibility by giving the options to start at every 5 minutes, so the monitor can be started at a specific time

Monitors starts as per the schedule when Live Monitor is restarted

When the Live Monitor is restarted, the monitors follow the schedule as it was defined before the restart
3 Updates

iOS 12.1 available

- iOS 12.1 is available for both EBV3, Express and DA Hardware device platforms.
- Xcode version: 10.1
- iOS Webdriver agent for iOS11.x.x:9.0.3
- iOS Webdriver agent for iOS12.1:9.1.1
Android agent update
Android EBV3, Express and devices require a minimum of KDA Agent version 1.11.383

New Device Support (Please refer to Device Menu for availability to private device order):
  • Samsung Galaxy Note 9

4 Known Issues and Limitations

iOS Devices: Scroll feature does not work in right and left orientation

Moto Z device debugging turned off after power cycling
When Moto Z device is power cycled, the developer options will stay turned on, but USB debugging gets turned off. This device will need manual intervention every time it is restarted.
iPad devices orientation buttons are partially visible
Win studio orientation buttons for iPad are partially visible [screenshot below]

Orientation: L... Vert... ... Do...

Extract text for dialer, calendar and calculator
Extract text commands does not work on dialer, come calendar apps and calculator as the text/numbers are on images.

Close app checkpoint images
Results portal does not display checkpoint images for close app command.

Discarding Changes in Pick Data Command
When using the Pick Data command in object-based scripts on iOS devices, discarding a value by clicking the Discard button, e.g., clearing a selected date, is not reflected in the command.

Launching Studio from the Test Plan Portal on Chrome
Studio is not automatically launched when you click Access Devices in the Test Plan Portal on Chrome. To automatically launch Studio:
1 Log in to Test Plan Portal at portal.keynotedeviceanywhere.com.
2 In the Chrome address bar, enter the following string:
chrome://flags/#enable-npapi
3 Click Access Devices in the Test Plan Portal to launch Studio.
You need to perform this workaround just once to be able to launch Studio.

NOTE You can launch Studio from the Test Plan Portal on Firefox; automatically launching Studio from the Test Plan Portal is not supported on Internet Explorer.

Text Recognition in Older Scripts
Text-based verification might fail in some scripts written in older releases of Mobile Testing Enterprise (prior to v7.1) with older versions of ABBY text-recognition software. As a workaround, you can change the text extraction area to make it larger or smaller, play with the fine-tuning slider to ensure that the text you want is extracted, or recapture the device screen.

Galaxy S5 and S6
Objects on the Home and App screen of the Galaxy S5 and S6 devices are not captured/displayed in Object commands. This issue is OS related; resolution is dependent on Android fixes from Google.
Check Marks Not Recognized
Check marks on the device screen in object-based applications are not recognized in Object commands

Hidden Objects
In some applications, objects that were visible on the previous screen but are hidden on the current screen show up in Object commands, even though they are not visible.

Limitations of Recording Object Touch on Android 4.3 Samsung
When recording the Object Touch command on Android 4.3 Samsung devices, clicks are recorded incorrectly in the application tray after opening it from the home screen. For instance, you might want to record a click to launch device settings from the application tray after opening the tray from the home screen. The click to launch device settings is incorrectly recorded after navigating to the application tray from the home screen.

External Version Control Issue
When using external version control for Studio test assets, you must populate custom folders in your projects with scripts. If user-created folders are left empty, they are erased when you close the project containing them.

Waiting for Native Objects in Wait Event
If you have multiple branches based on image-, text-, and object-based reference points in Wait Event, objects can take up to 30 seconds to be matched. As a workaround, use a separate Wait Event command for object-based reference points and other types of reference points.

Creating a Text-Based State Using a Global Variable
After creating a text-based state that waits to verify a text string contained in a global variable, both the device screen captured and the Text to wait for field are empty if you reopen the implementation without acquiring the device.

Samsung Galaxy S7 on Android 7.0 needs screen resolution change
Galaxy S7 upgraded to Android 7.0 will have a screen resolution set to FHD (1920x1080). Need to manually change the resolution to WQHD (2560x1440) for SW video to fit the device LCD screen.
5 Appendix: Available REST APIs

REST API Functions

Please refer to the following documentation for available REST API:

- Test Automation REST API
- Application Monitoring REST API

New REST APIs in this release:

<table>
<thead>
<tr>
<th>Call</th>
<th>API Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>upload-audio</td>
<td>Ensemble server</td>
<td>Uploading an audio file</td>
</tr>
<tr>
<td>play-audio</td>
<td>Ensemble server</td>
<td>Play an uploaded audio file</td>
</tr>
<tr>
<td>wait-audio</td>
<td>Ensemble server</td>
<td>Wait for an audio file</td>
</tr>
</tbody>
</table>