



Mobitru User Guide

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Abbreviations

Abbreviation	Meaning
OS	Operating System

General information

Mobitru is a cloud platform that provides remote access to real devices. The platform does not use emulators and simulators. All the devices are kept in specially equipped Data Centers.

Accounts

There are two types of accounts in Mobitru: Personal and Team. Choose the appropriate account in the Account menu in the top right corner of the application:



Personal accounts (EPAM employees only)

You can use your Personal account for testing when you are not added to any team. You have a free 500-min quota per month.



The following restrictions are applied to Personal accounts:

- Premium devices trial period: Premium devices session is 15 minutes.
- Device booking: booking is forbidden.
- 500-min quota cannot be changed.

When the limit is reached, you [can upgrade the plan](#) or wait when a new month starts.

*The first quota depends on the first login to the platform. If you have logged in in the middle of the month, the first quota will be counted proportionally. The following quota does not depend on a login date and will be 500 minutes.

Team accounts

If you are a member of a team and the team has a Mobitru account, you can choose it for testing.

Team accounts have the following extra facilities over Personal accounts:

- Premium device session is 1 hour;
- Booking is allowed;
- [Shared bookings feature](#);
- [My team management](#);
- [Active users on devices](#).

Devices options for Team accounts

The teams can have the following devices options:

- Shared
The devices belong to Mobitru. The project uses the [Public](#) instance. Mobitru tracks the using and bills based on the consumption.
- Dedicated
The devices belong to Mobitru. The project receives a special instance where the configured devices are kept. Only the project has access to the devices.
- Customer-owned
The devices belong to the project. Mobitru provides the project with its license, hardware, and support. The project receives a special instance where the configured devices are kept. Only the project has access to the devices.

Comparison of devices options:

Categories	Shared	Dedicated	Customer-owned
Instance	Public	Special	Special
Possession of devices	Mobitru	Mobitru	Project
Access to devices	Logged-in users	Team members	Team members
Facilities	Devices+support	Devices+support	Hardware+ License+support
Additional devices configurations	Not possible	Possible	Possible

Upgrade plan

You can change your plan in the Upgrade plan modal:

Upgrade Plan

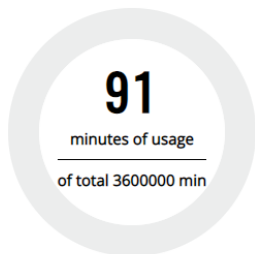
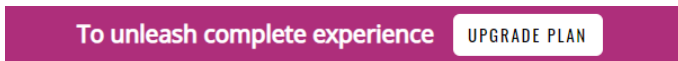
Please provide the information below and we'll contact you shortly

Project code

Estimated usage minutes per month

The window can be opened from the following places:

- The Upgrade plan stripe (Personal accounts only);
- The Statistics.



Upgrade plan stripe:

- 1) Log in as a Personal account
- 2) Click on *Upgrade plan* in the magenta stripe
- 3) Click on *Upgrade plan* in the modal
- 4) Fill in the form
- 5) Click on *Submit*

Statistics:

- 1) Go to Statistics
- 2) Click on *Upgrade plan* under the doughnut chart
- 3) Click on *Upgrade plan* in the modal
- 4) Fill in the form
- 5) Click on *Submit*


After submitting your request, the Mobitru team will contact you for further actions.

Upgrading a plan is possible for team accounts only. If you request for the upgrade and you are not assigned to a project, you can use Personal account and quota only.

Devices tab

The Devices tab has all the devices available for testing.

Operating systems


There are two Operating systems (OS) that Mobitru supports: Android and iOS. To change OS, click on the OS switcher ().



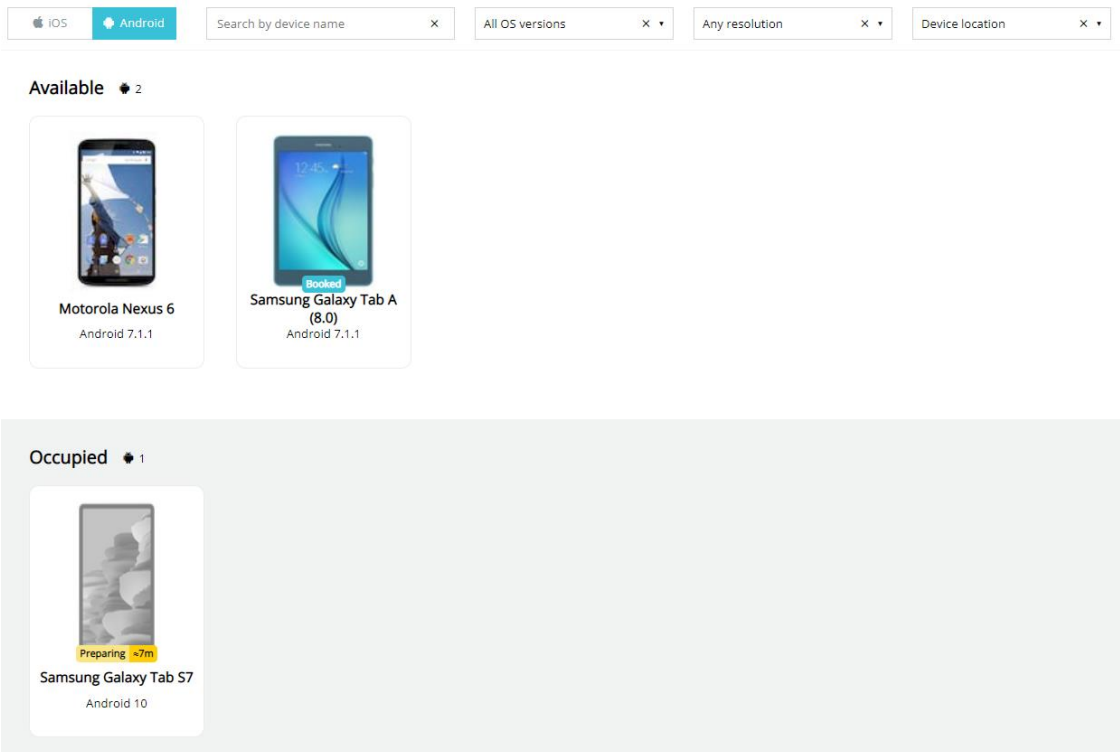
The following OS versions are supported by Mobitru:


- Android versions: 5.0 – 12.
- iOS versions: 10.0 – 15.6.

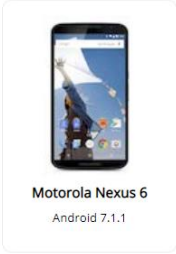
Views


There are two views in the Devices tab: card and detail. To change the view, click on the View switcher ():

- Card view:





Available  2

- 

Motorola Nexus 6
Android 7.1.1
- 

Booked
Samsung Galaxy Tab A (8.0)
Android 7.1.1



Occupied  1

- 

Preparing ~7m
Samsung Galaxy Tab S7
Android 10

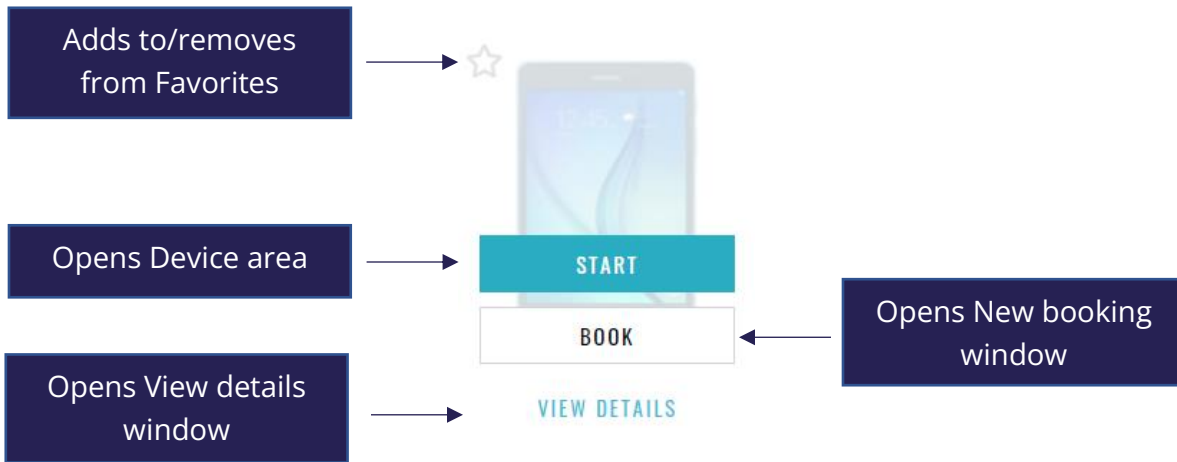
There are 3 possible sections in the Card view: Premium, Available, Occupied.

- Detail view:

Device name	OS version	Resolution	Serial	Browser	Data center	Status
 Motorola Nexus 6	7.1.1	2560x1440	ZX1G4283L5		EU	Available

Card view actions:



Hover over a device to see available actions:








Detail view actions:





There are two ways to see available actions in the Detail view:

1) Hover over a device row

Device name	OS version	Resolution	Serial	Browser	Data center	Status
 Samsung Galaxy Tab...	7.1.1	1024x768	9c8e1e58		EU	BOOK START

2) Click on a kebab menu (⋮)

Device name	OS version	Resolution	Serial	Browser	Data center	Status
 Samsung Galaxy Tab...	7.1.1	1024x768	9c8e1e58		EU	BOOK START
 Motorola Nexus 6	7.1.1	2560x1440	ZX1G4283L5		EU	Available
 Samsung Galaxy Tab...	10	2560x1600	R52NA0C13CE		EU	Available

-  Start
-  Book
-  View details
-  Add a Favorite

Statuses

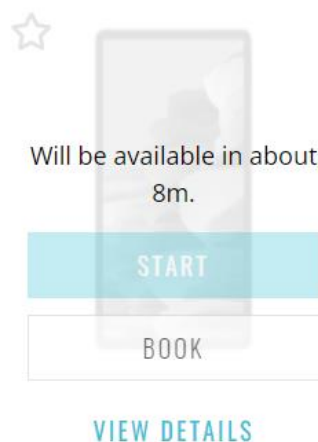
The devices may have one of the following statuses:

Available	The device is online and vacant for using.
In Use	The device is being used by you.
Booked	The device is being booked by you.
Busy ≈6m	The device is being booked or used by another user.
Preparing ≈7m	The device is rebooting after someone's session.
Maintenance	The device is under maintenance.

If a device is temporary occupied, it has an indicator in the status when it will be available:



You can find the same information in the Card view when hovering over a device in the Occupied section:

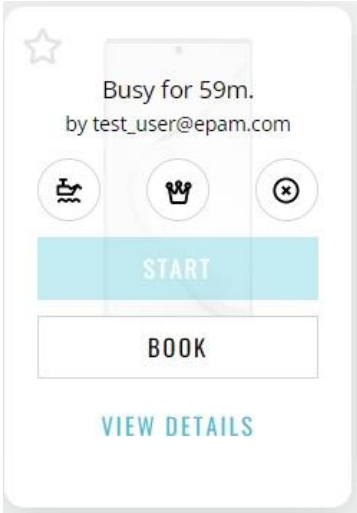


If a device is [premium](#), it has a special crown sign.

Active users on devices (dedicated devices only)

Within the [dedicated](#) instance, the team members can check the name and email of the person is occupying a device:

- Card view:

	<p>Open the dedicated instance -> Hover over an occupied device</p>
---	--

- Detail view:

	<p>Open the dedicated instance -> Hover over a line with an occupied device</p>
---	--

View details screen

The View details screen shows all the device information in a convenient card.

To open the screen, click on the *View details* button in the Card or Detail views.

SAMSUNG GALAXY S22

 [ADD A FAVORITE](#)



Operating System:	Android 12
Resolution:	2340x1080
Viewport:	780x360
Serial:	R3CT30SXE3X
Browser:	
Data center:	HU (Hungary)

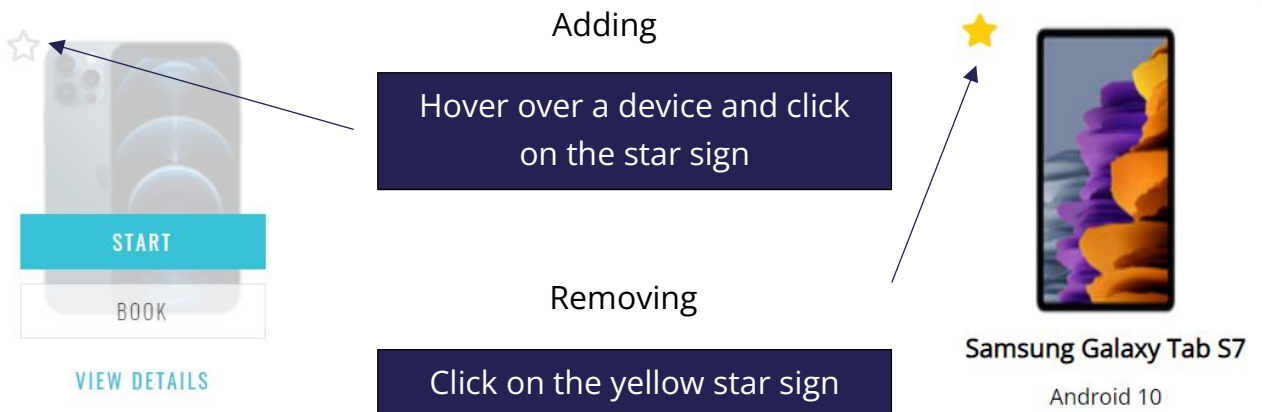
If a UDID or Serial number is cropped, hover over the value to see it fully. You can click on the icon to copy the value:



Favorite devices

Favorites devices include the ones that you mark with a star sign (★). You can find such devices in the Favorites tab as well as in the Devices one. You can manage favorite devices from the Card and Detail views.

Card view (Devices or Favorites tab):



Detail view (Devices or Favorites tab):

Adding: Click on the kebab menu (⋮) and choose *Add a Favorite*:

Device name	OS version	Resolution	Serial	Browser	Data center	Status
Samsung Galaxy Tab... 7.1.1 1024x768 9c8e1e58 ⊕ ⊖ EU BOOK START ⋮	7.1.1	1024x768	9c8e1e58	⊕ ⊖	EU	BOOK START ⋮
Motorola Nexus 6 7.1.1 2560x1440 ZX1G4283L5 ⊕ ⊖	7.1.1	2560x1440	ZX1G4283L5	⊕ ⊖	EU	Available ⋮
Samsung Galaxy Tab... 10 2560x1600 R52NA0C13CE ⊕ ⊖	10	2560x1600	R52NA0C13CE	⊕ ⊖	EU	Available ⋮

Removing: Click on the kebab menu (⋮) and choose *Remove a Favorite*:

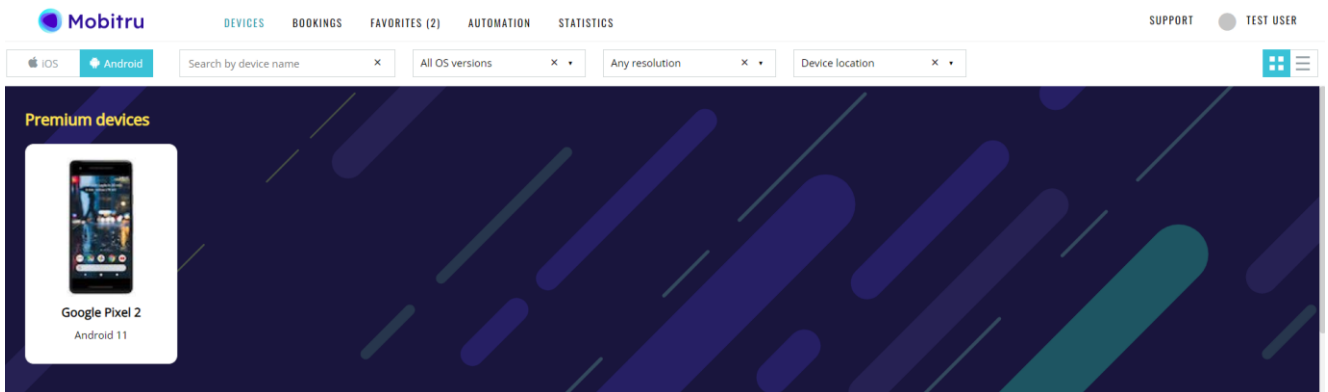
Device name	OS version	Resolution	Serial	Browser	Data center	Status
Samsung Galaxy Tab... 7.1.1 1024x768 9c8e1e58 ⊕ ⊖ EU BOOK START ⋮	7.1.1	1024x768	9c8e1e58	⊕ ⊖	EU	BOOK START ⋮
Motorola Nexus 6 7.1.1 2560x1440 ZX1G4283L5 ⊕ ⊖	7.1.1	2560x1440	ZX1G4283L5	⊕ ⊖	EU	Avail ⋮
Samsung Galaxy Tab... 10 2560x1600 R52NA0C13CE ⊕ ⊖	10	2560x1600	R52NA0C13CE	⊕ ⊖	EU	Prep ⋮

Premium devices

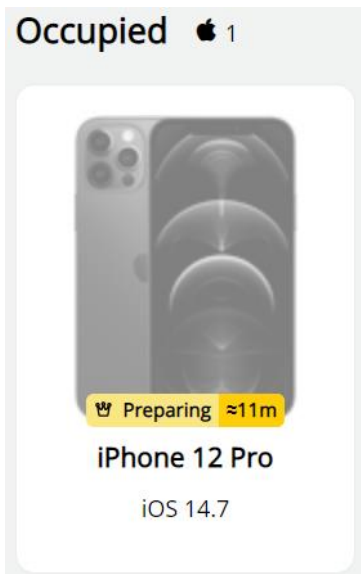
Premium devices include the ones that have recently released to mass market. They differ from other devices on Mobitru by design and behavior.

Card view:

The special section is available in the Devices and Favorites tabs in the Card view. *Available* and *In Use* devices are situated there:






If a premium device has the *Preparing*, *Maintenance* or *Busy* statuses, it is displayed in the Occupied section, but it has a crown icon on the status label:



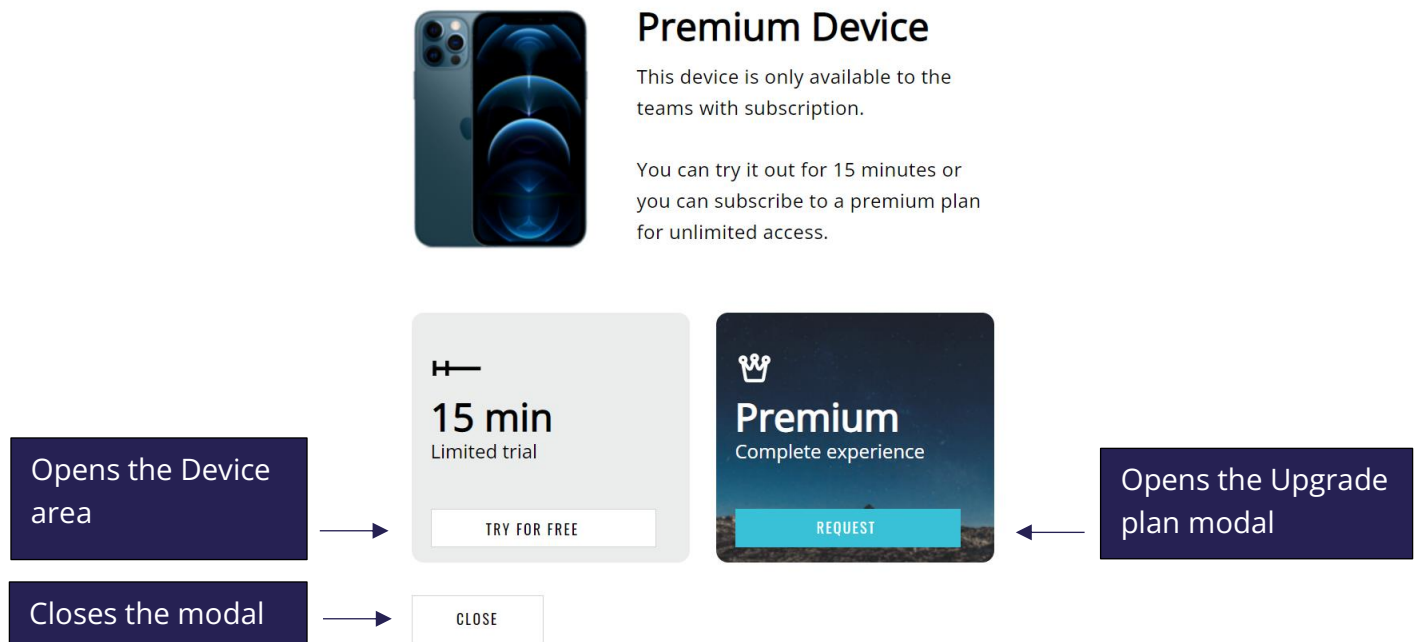
Detail view:

There is no special section in the Detail view. Premium devices have a crown icon on the status label:

Device name	OS version	Resolution	UDID	Browser	Data center	Status
 iPhone 12 Pro	14.7	2532x1170	00008101-00042D8A1190001E		EU	 Available

Premium device modal:

When you click on *Start* for a Premium device under a Personal account, you see a modal window:



Usage limitations:

There are the following limitations on Premium device usage for *Personal* accounts:

- Booking is not available;
- Only 15-minute trial session is possible.

Filtering and sorting

The Devices and Favorites tabs have special options to filter and sort devices.

Filtering

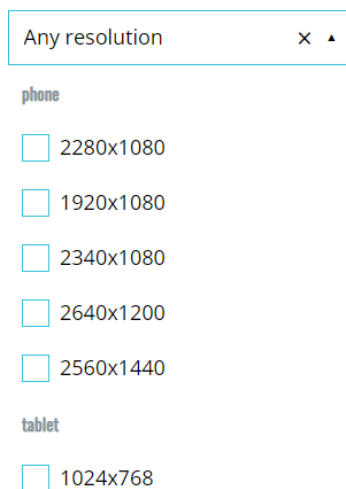
Filtering is available in the Card and Detail views. You can filter the devices by the following options:



1 – Device name: enter a device name or its part to start filtering.

2 – OS: open a drop-down containing operating systems to tick the required one.

3 – Resolution: open a drop-down containing resolution values to tick the required one. The resolution values are divided into phones' and tablets' ones:



4 – Device location: open a drop-down to choose the data center location where the device is kept.



All the values displayed in the filters correspond to the devices presented in Mobitru. For example, if there is no device with an OS, this OS will not be displayed in the filter.

If there are no search results, a special message is displayed: “No luck, couldn’t find anything. Please try changing your search.”

Sorting

Sorting options are available in the header of the devices table in the Detail view. You can sort the devices by Device name, OS version, Resolution, Serial number/UDID, Browser, Data center, Status.

The Status option is chosen by default.

Device name	OS version	Resolution	UDID	Browser	Data center	Status
 iPhone 12 Pro	14.7	2532x1170	00008101-00042D8A1190001E		EU	 Available
 iPad (2017)	13.7	2048x1536	d4dfe6ba75e55bd488d847cd0...		EU	 Available

Bookings

Booking a device lets the team know that a device will be available for them at the required moment. Booking is available for Team accounts only.

Booking scheduling

To create a booking, click on the Book button for a device and choose the necessary information (Duration, Day of the week, Time slot) in the New booking window:

NEW BOOKING ×

Name:
Samsung Galaxy Note 10

Share with the TEST-PROJECT team

Samsung Galaxy Note 10 + 11 ×

Duration: 1:00 Max: 6:00

Filter by day of the week:
M T W T **F** S S

Filter by start time: 8:00 to 22:00

Friday, 29.07.2022

10:15 10:30 10:45
11:00 11:15 11:30 11:45

When the booking time starts, every device has the Start button in the opened drop-down:

Status	Product	OS	Serial	
Available	iPhone 11 Pro Max	13.5	00008030-001924C034A2802E	<input type="button" value="START"/>
Available	iPhone 8 Plus	14.7.1	7dcebe4c11aff5e5dbfbc56f9e5cd64a9ccb50db	<input type="button" value="START"/>

After clicking on Start, the Device area opens.



Check-in time of a booking is 15 minutes starting from the start time. If you do not start using a booked device within 15 minutes, the booking is cancelled automatically. The check-in time is counted to Idle time in [Statistics](#).

Booking types

A booking can be private and shared. If you tick the checkbox in the New booking window then the booking will be shared with your teammates and the whole team will be able to use the booked device(s).

NEW BOOKING ×

Name:
Samsung Galaxy Note 10

Share with the TEST-PROJECT team

Tick to create a shared booking

A shared booking has an e-mail of the teammate who created the device:

Mobitru DEVICES BOOKINGS (1) FAVORITES AUTOMATION STATISTICS SUPPORT TEST-PROJECT

WEDNESDAY, 3.08.2022

14:15 - 15:15 iPad Pro 12.9-inch (4th gen) created by test_user@epam.com COPY CANCEL ▾

Only one teammate can use a booked device simultaneously, other teammates will see the device as Busy, and the Start button will be disabled.

When a user closes the session, other teammates can start using the booked device after its preparing. If the shared booking has several devices, different teammates can use them simultaneously but only one user per device.

Only the owner of the shared booking can cancel the booking:

Mobitru DEVICES BOOKINGS (1) FAVORITES AUTOMATION STATISTICS SUPPORT TEST-PROJECT

WEDNESDAY, 3.08.2022

14:15 - 15:15 iPad Pro 12.9-inch (4th gen) created by test_user@epam.com COPY CANCEL ▾

Only the booking owner may cancel a shared booking



If the owner of the shared booking cancels it while another teammate is in the booked device, the Device area will close for the teammate, and it may interrupt his/her test.

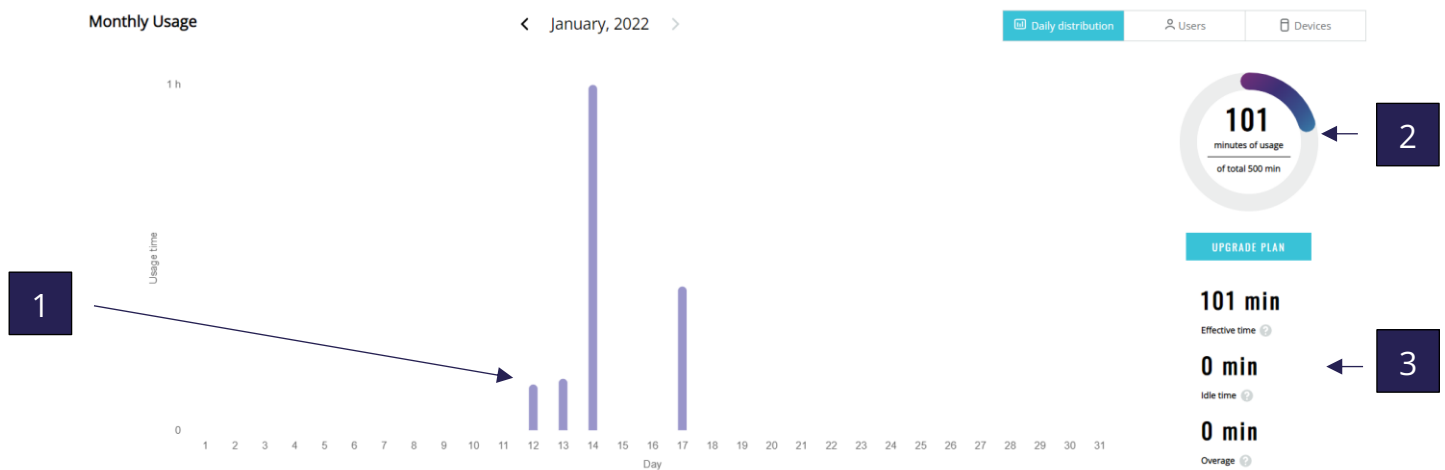
Statistics

The Statistics tab contains all the information regarding session and booking usage time. The tab has three sections: Daily distribution, Users and Devices.

Daily distribution

In this section you can see how much time was spent on sessions daily and how much time was spent on sessions and bookings in total.

The elements of the Daily distribution section:



1 – This area represents a graph Usage time/Day. You can hover over a usage line of a day and see how much time you or your team spent on sessions.

2 – This area represents a doughnut chart. You can see how much time you have in your plan and what part of the plan you spent.

3 – This area represents a detailed breakdown of the usage time:


- Effective time – time spent on device sessions (when the device is being used).
- Idle time – time spent on bookings when a booking starts, and the booked device is not in use.
- Overage – time that exceeds the plan quota.

Every option in the breakdown has a question icon. When you hover over the icon, an explanation of the option appears.

Users

In this section you can see your or your teammates' time usage.

Monthly Usage < December, 2021 > Daily distribution **Users** Devices

User	Email	Approx. time
Test User	test_user@epam.com	84 min 

Devices

In this section you can see the most popular for usage devices.

Monthly Usage < December, 2021 > Daily distribution Users **Devices**

Device	OS	Version	Approx. time
13,3	iOS	14.7	10 min 
6,11	iOS	13.7	7 min 
Nexus 6	Android	7.1.1	5 min 
SM-T355	Android	7.1.1	19 min 

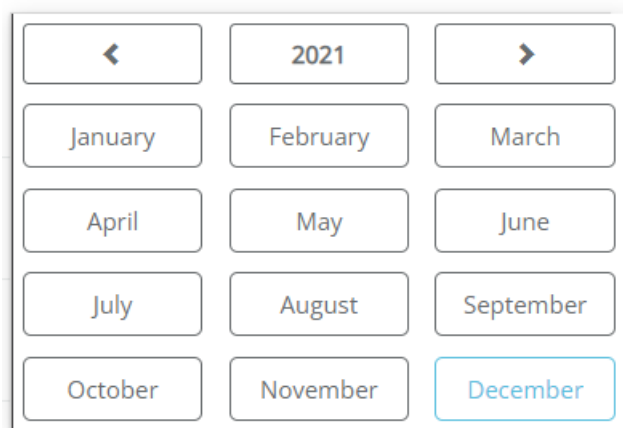
To check the Statistics of the previous months, you can open a calendar or use an arrow next to the current month:

Click on the arrow to switch to the previous month

OR

Click on the date to open the calendar and choose a month

< December, 2021 >





My team management

The My team tab is dedicated for managing the members of the team. To find the tab, go to the Account menu -> Team. If a user is not added to any team, Team option is hidden.

There are 2 roles - manager and member:

- A manager can add and delete users and edit their statuses from a member to manager and vice versa:

My team ADD USER

User ↕	Email ↕	Role ↕	
Test Admin	test_admin@epam.com	manager	 

- A member can look through the list of the team members in the read-only mode:

My team

User ↕	Email ↕	Role ↕
Test Admin	test_admin@epam.com	member

Automation

Selenium



We support automation solutions based on Selenium 4, which includes such changes as Find elements and Capabilities. Find more information about Selenium 4 upgrade [here](#).

Appium



The Mobitru platform supports Appium that allows testing the following applications:

- Web: Safari on iOS and Chrome on Android
- Native
- Hybrid

To point your Appium tests against devices from Mobitru, you need to use the appropriate Appium WD Hub URL in your test.

Project

To run automation tests, you need to configure the Project information:

- 1) Go to Automation -> Run sample test
- 2) Find "Step 2: Configure and run test"
- 3) Select the project in the *Select Project* drop-down

Step 2: Configure and run test

Use the drop-down menus to select where you want to run your first test.

Select Project: Select an OS: Select a device:



Make sure, you have chosen the appropriate project because it influences time quotas.

Access token

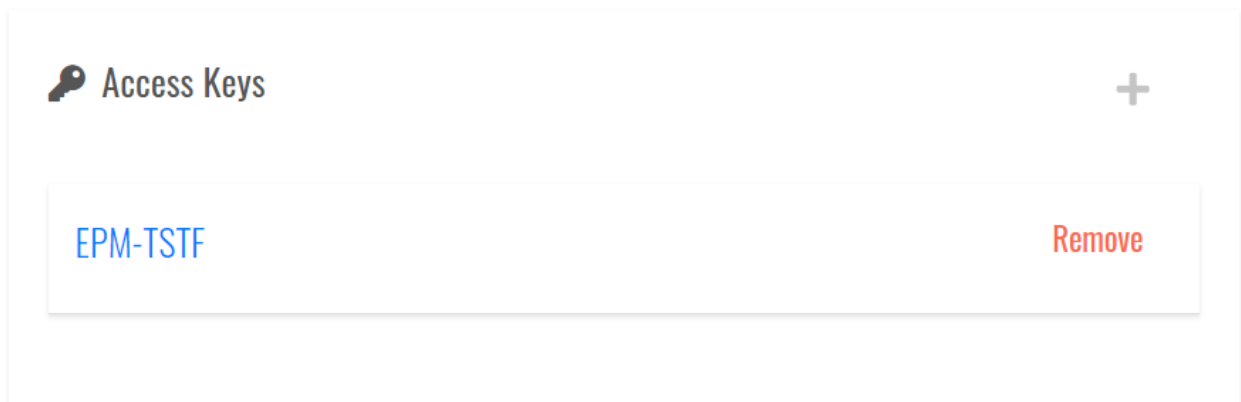
You can generate an Access token if you navigate to the Account menu -> User settings:

- 1) Click on +
- 2) Click on *Get API Key*



The EPM-TSTF project cannot be changed, and it does not influence your tests.

API Access

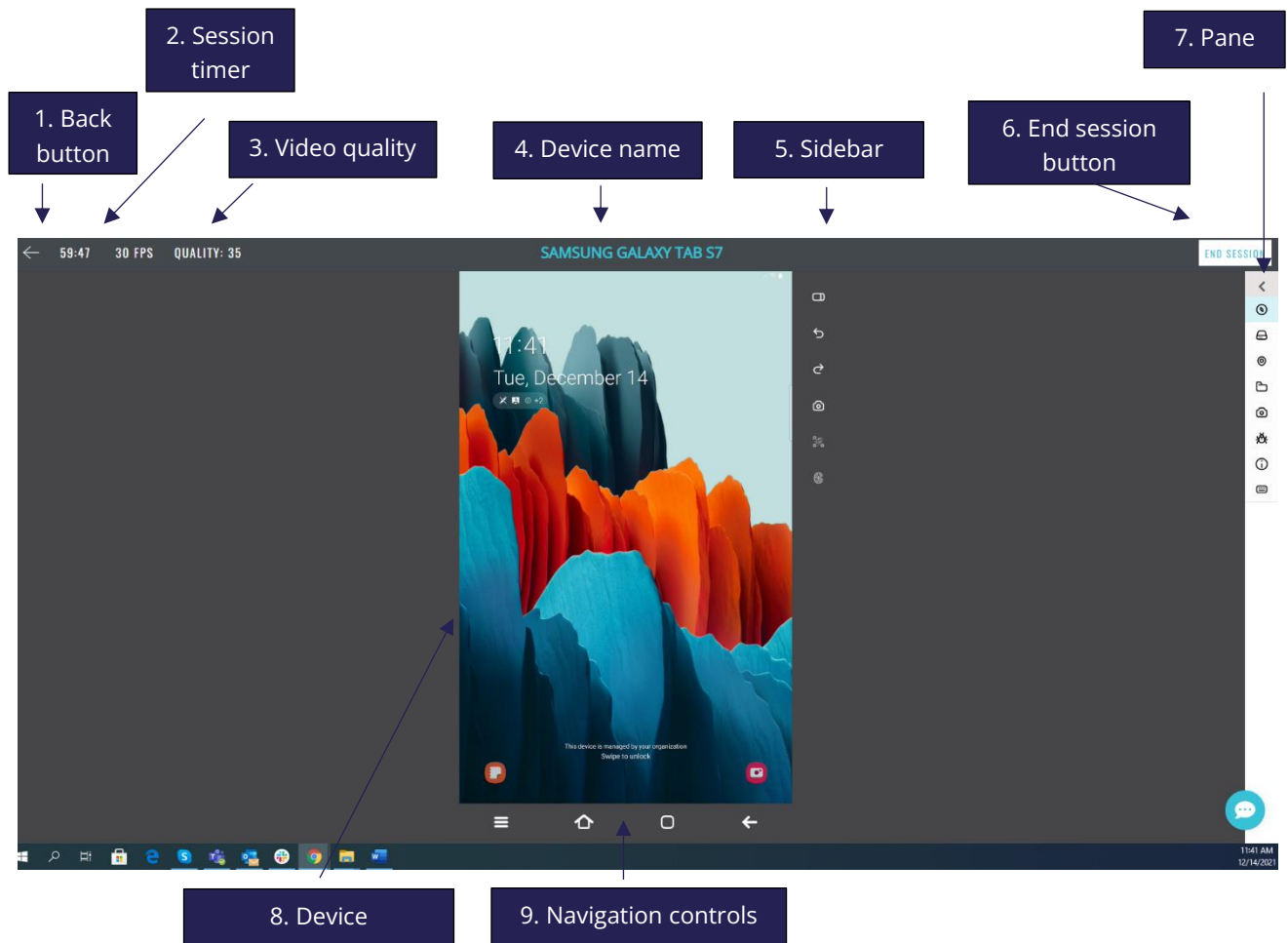


If you need a new Access token, click on the Remove button, and generate the token using the steps above.

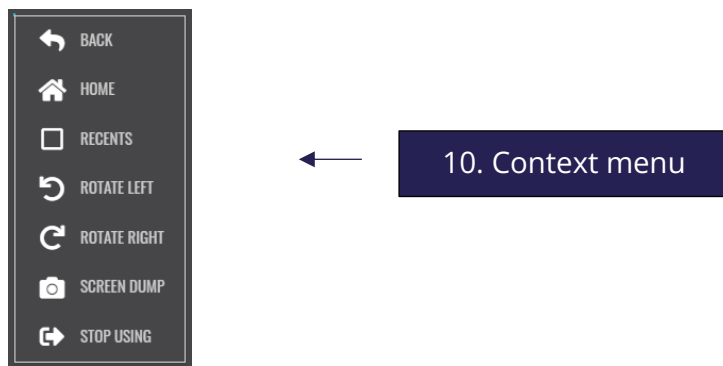
You can find additional information [here](#).

Device area overview

The Device area opens after starting a device. You can see the following elements there:



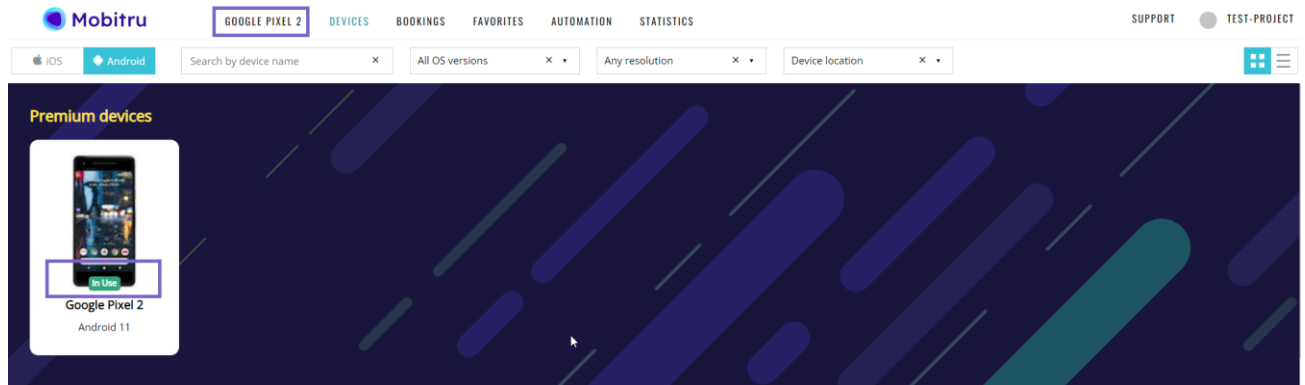
When you perform a right-click action by your mouse near the Device, the Context menu will open:



Device area features

1. Back button

When you click on the *Back* button in the Device area, the device collapses. You can see the collapsed device name in the Header on the left of the Devices tab. The *In Use* status highlights the collapsed device.



To return to the Device area, you can click on the device name in the Header or hover over the device in the Card or Detail views and choose the Resume button.

2. Session timer

Session timer shows number of minutes and seconds left to the end of the session. When it is less than 15 minutes to the end, the Session timer gets an orange background:



Session timer may have the following default values:



- 1 hour for all the non-Premium devices.
- 15 minutes for Premium device sessions for Personal accounts.

Maximum timer is 1 hour due to a technical limitation.

3. Video quality

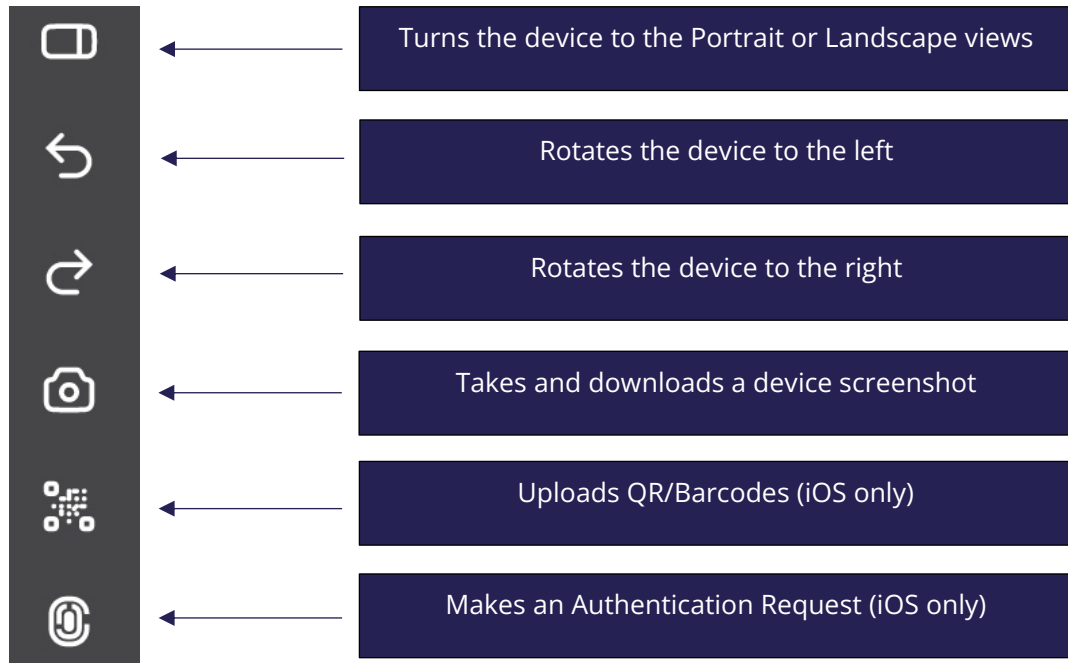
You can adjust the [Quality Settings](#) in the Pane and check its value in the header.

4. Device name

The name of the device in use is displayed above the Device.

5. Quick navigation sidebar

The Quick navigation sidebar is displayed on the right of the Device. It includes the following features:




QR/Barcodes

You can test a camera-based feature in your application. For this, you just need to install the application with turned-in Image injection option and upload a QR/Barcode image to our platform.

QR/Barcode image requirements

- Supported extensions: .jpg, .jpeg, .png
- Max size: 5MB
- Supported types: QR, Aztec, Code128, EAN8, EAN13, UPCA.

Examples of the supported Barcode types

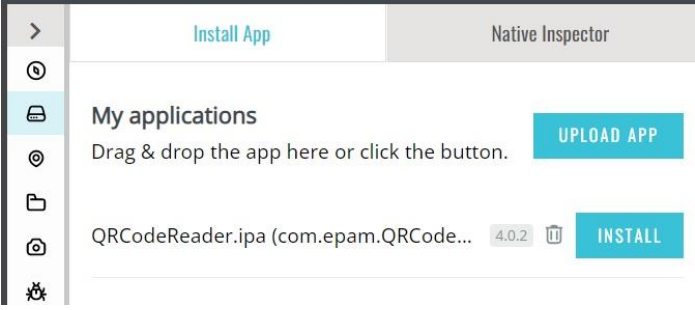

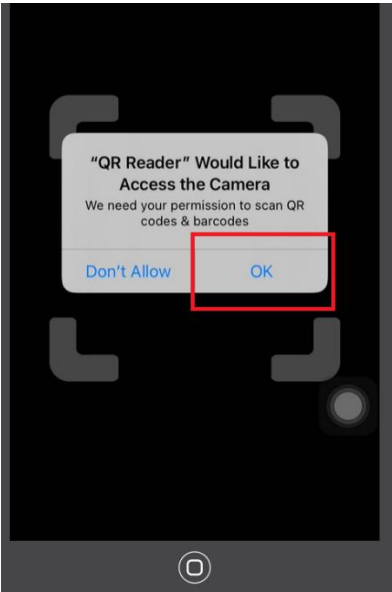
Code type	Example
QR	


UPCA	
Aztec	
Code128	
EAN8	
EAN13	

If you are not sure what Barcode type you are going to upload, you can check it in a reader like <https://products.aspose.app/barcode/recognize#>.

If you need a Barcode type that is not in the list of the supported ones, please contact support@mobitru.com.




How to test QR/Barcode

Image	Steps
	1. Upload the required application to the Install App tab
<p><input checked="" type="checkbox"/> App Re-signing If checked, this embeds our own provisioning profile into the installed app.</p> <p><input checked="" type="checkbox"/> Image Injection Enables you to test QR/Barcode and Biometric Authentication in the installed app.</p> <p><input type="button" value="CANCEL"/> <input type="button" value="START INSTALLATION"/></p>	2. Click on Install -> Choose App Re-signing and Image Injection checkboxes -> Start installation
	3. Open the application on the device
	4. Open the QR/Barcode feature in the app -> Allow access to the camera

	<p>5. Click on the QR code icon in the Quick navigation sidebar</p>
<p>Upload your QR/Barcode.</p> <p>UPLOAD IMAGE</p> <p>The supported extensions: .jpg, .jpeg, .png. The maximum size: 5MB.</p> <p>CANCEL</p>	<p>6.1 If you need to upload a QR/Barcode, click on Upload image -> Choose the image -> Confirm</p> <p>6.2 If you have decided to leave the feature, click on Cancel</p>

QR/Barcode upload cancellation

When you have initiated the image upload, you can cancel the process. Steps to cancel QR/Barcode upload to the application:

Image	Steps
<p>QR/Barcode Code Injection</p> <p>Upload your QR/Barcode.</p>  <p>The supported extensions: .jpg, .jpeg, .png. The maximum size: 5MB.</p> 	<p>1. Click on Cancel</p>
<p>QR/Barcode Upload Cancellation</p> <p>Are you sure you want to cancel the QR/Barcode uploading?</p> 	<p>6.3 Choose Yes to stop the QR/Barcode upload</p> <p>6.4 Choose No to continue upload</p>

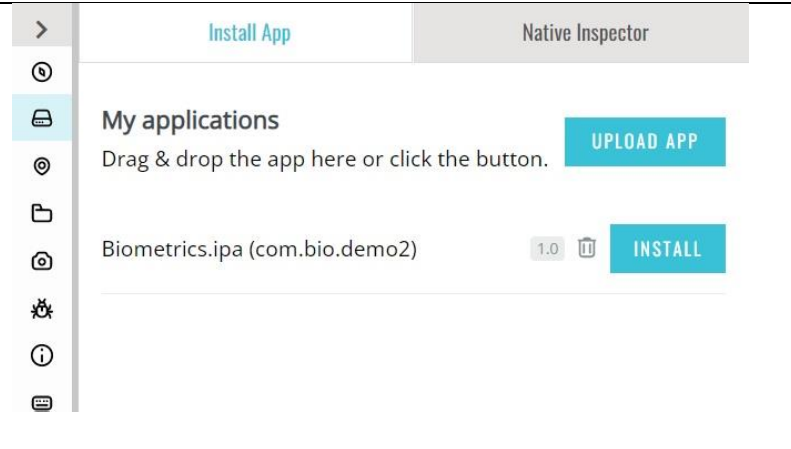
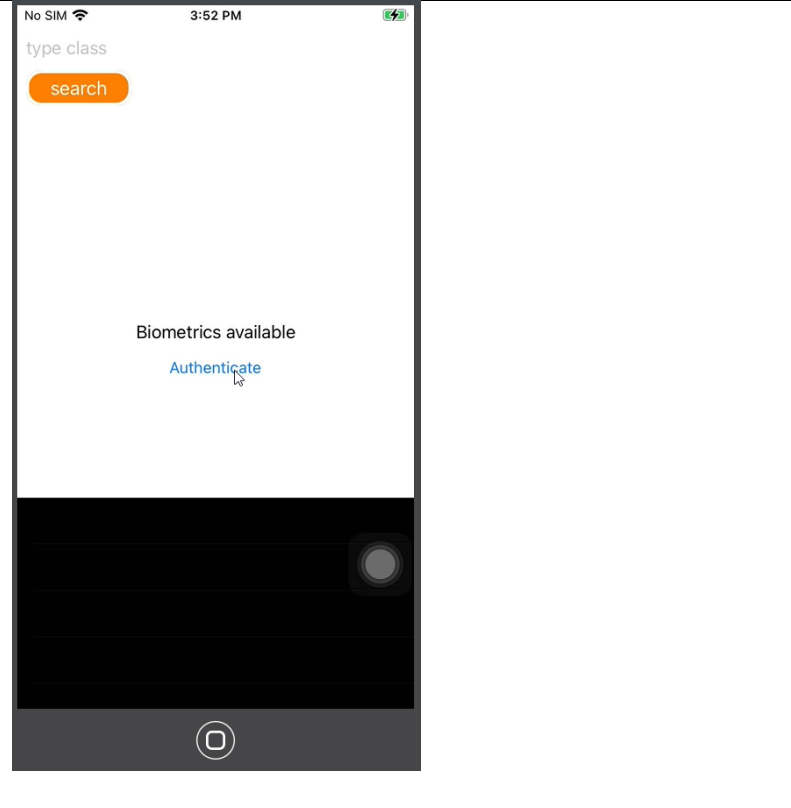
Biometric Authentication

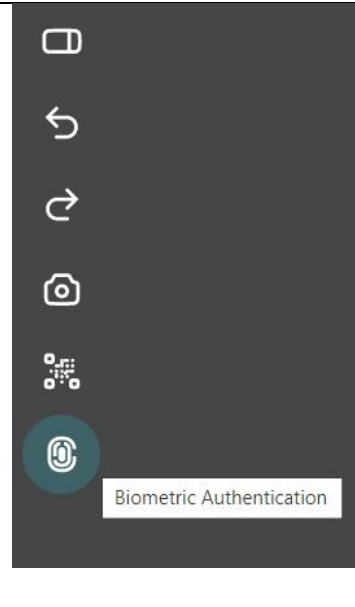
The Mobitru platform supports such types of Biometric Authentication as Touch Id and Face Id.

Authentication request

Steps to make an Authentication request:

Image	Steps
	<p>1. Upload the required application to the Installation tab</p>

	
<p><input checked="" type="checkbox"/> App Re-signing If checked, this embeds our own provisioning profile into the installed app.</p> <p><input checked="" type="checkbox"/> Image Injection Enables you to test QR/Barcode and Biometric Authentication in the installed app.</p> <p><input type="button" value="CANCEL"/> <input type="button" value="START INSTALLATION"/></p>	<p>2. Click on Install -> Choose the Resign and Injection checkboxes -> Start installation</p>
	<p>3. Open the application on the device -> Navigate to the feature that uses Touch Id or Face Id</p>
	<p>4. Click on the Biometric Authentication icon in the Quick Navigation sidebar</p>

		
		<p>5.1 Choose Success to make a valid request</p> <p>5.2 Choose Fail to make an invalid request</p>

Injection Framework information for developers

You can add our Injection Framework to your application. The framework and details are available [here](#).

6. End session button

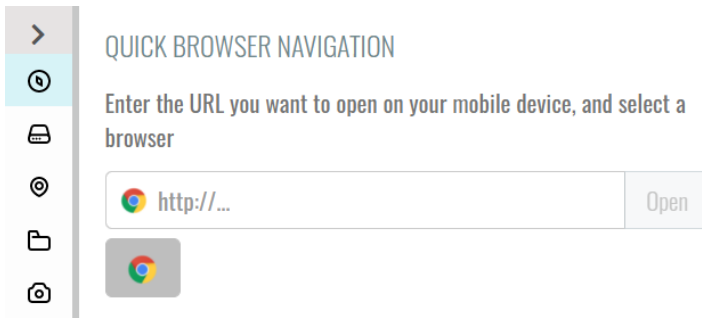
When you click on the *End session* button, a [modal](#) appears to confirm closing the device.

7. Pane

The Pane has the following tabs and features:

Web tab

- QUICK BROWSER NAVIGATION allows opening a URL in a device browser.



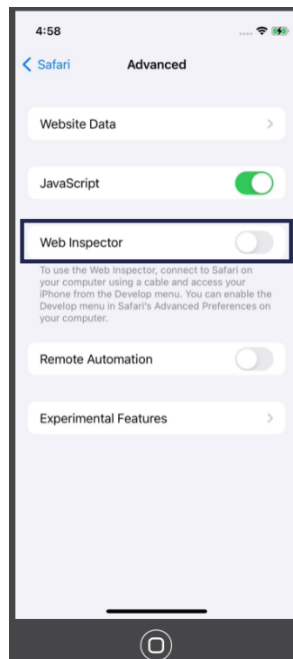
Steps to open a site:

- 1) Open the Pane -> Web
- 2) Click on the *http://...* field
- 3) Enter a URL
- 4) Choose a browser*
- 5) Click on the *Open* button

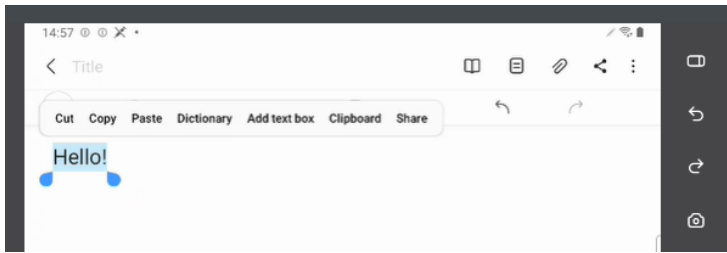
*This feature is available for Android devices only.



iOS 15.X devices may have the following limitation: a website may not open from the Quick Browser Navigation. In this case go to Settings → Safari → Advanced → Web Inspector → Turn on the toggle. Enter a required website in the Quick Browser Navigation field after enabling the toggle.



- CLIPBOARD* allows copying a text information from the device



Steps to copy a text:

- 1) Focus and hold a copyable text in the device
- 2) Choose *Copy* or *Cut*



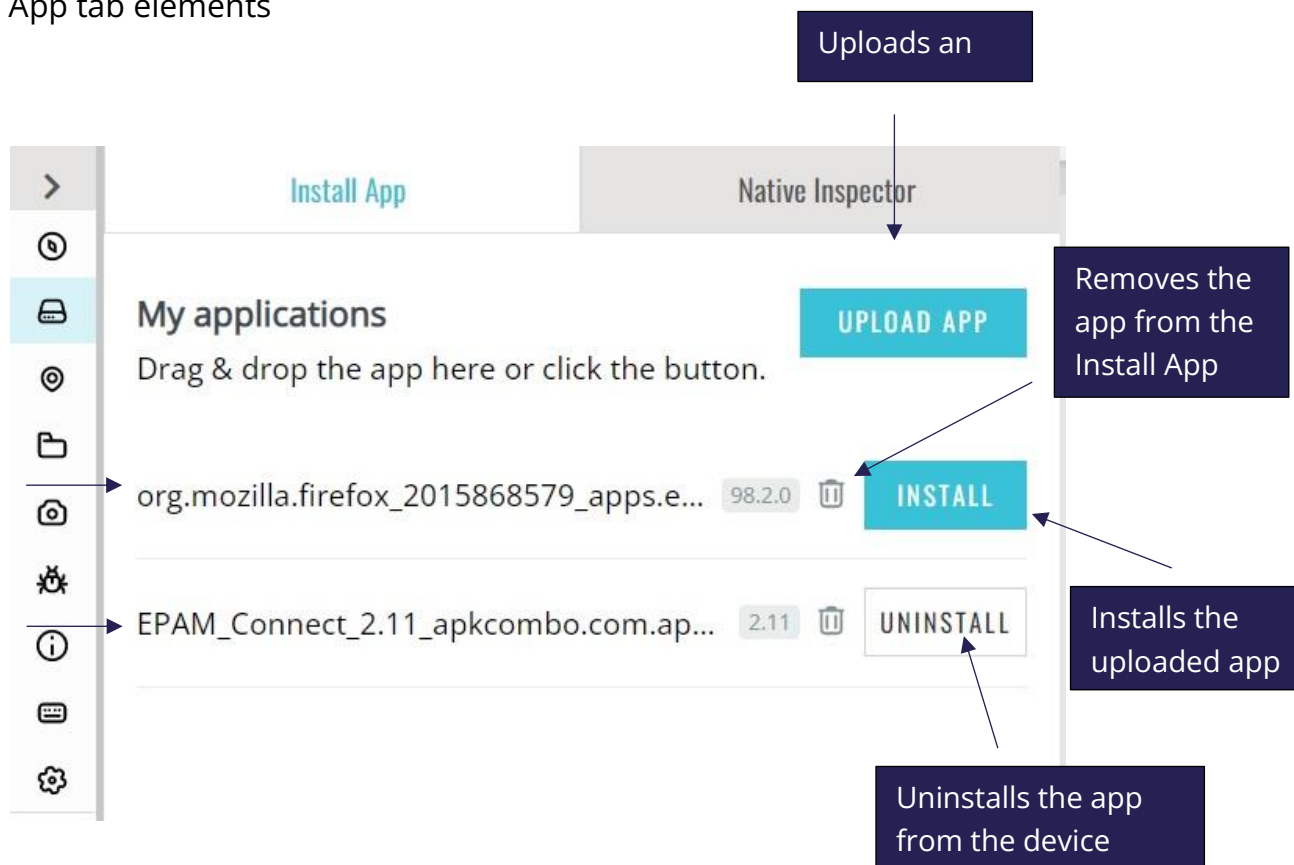
- 3) Open the Pane
- 4) Click on *Get clipboard contents*

*This feature is available for Android devices only.

Native tab

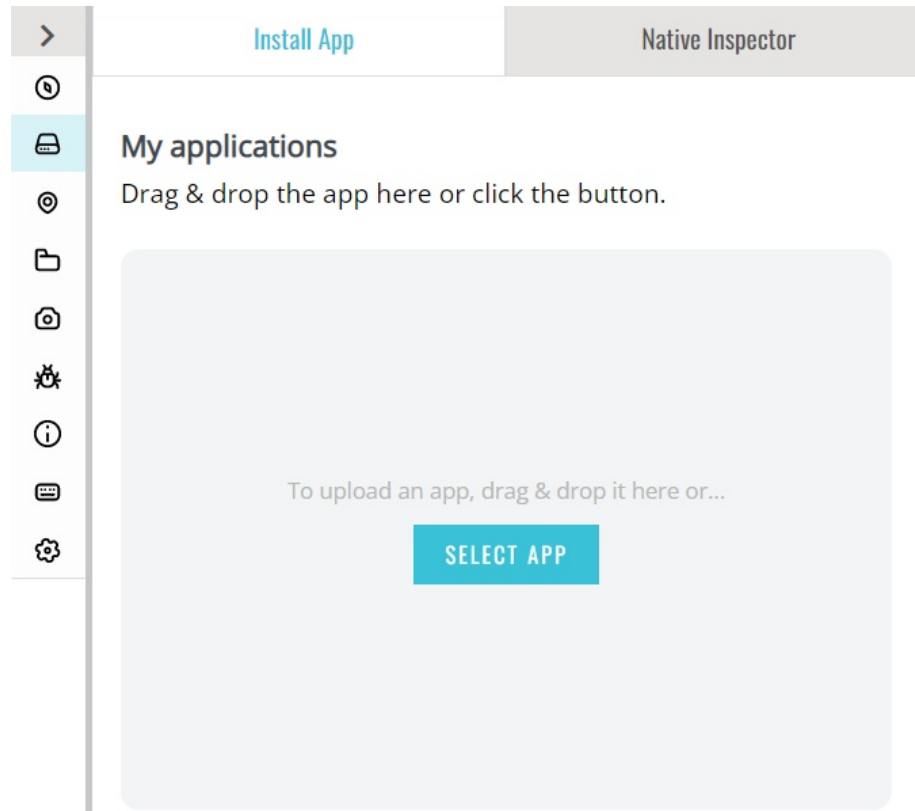
- INSTALL APP allows uploading and installing applications to the device in use.

Install App tab elements

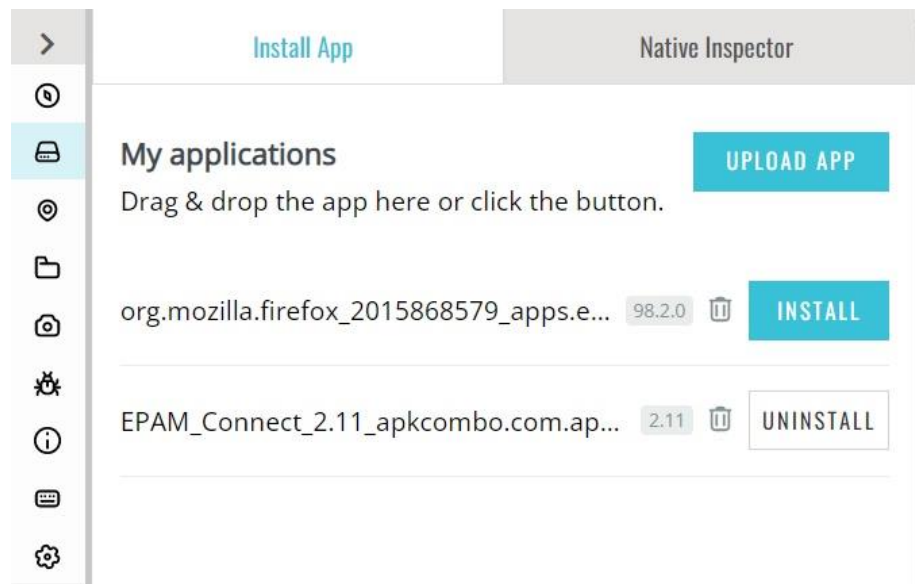


The tab has two states:

Empty



With apps



Supported extensions

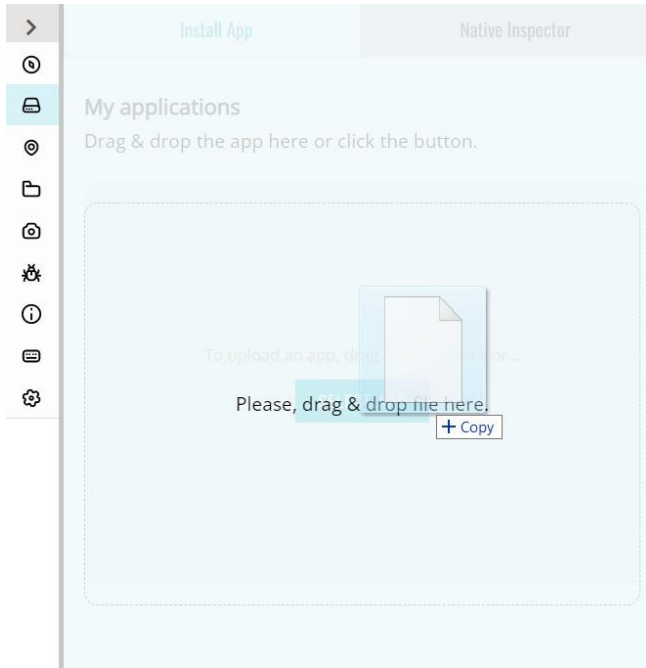
You can upload a file with the following extensions:



- Android: .apk
- iOS: .ipa

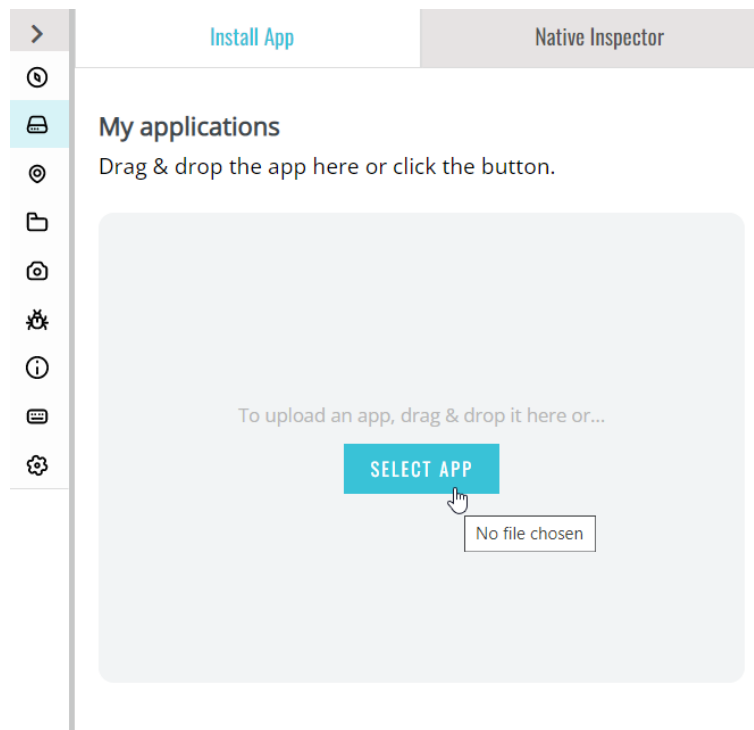
Steps to upload an application

Option 1. Drag & dropping (the tab is empty or with app)



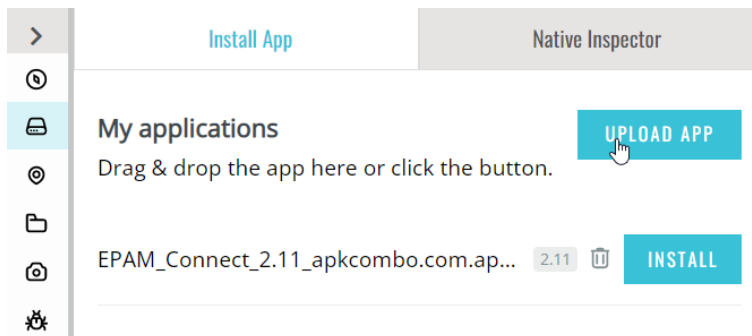
- 1) Open the Pane -> Native -> Install App
- 2) Drop the file to the tab

Option 2. File explorer. The tab is empty



- 1) Open the Pane -> Native
- 2) Click on Select app
- 3) Choose the required file in the File Explorer
- 4) Click on *Open*

Option 3. File explorer. The tab has apps

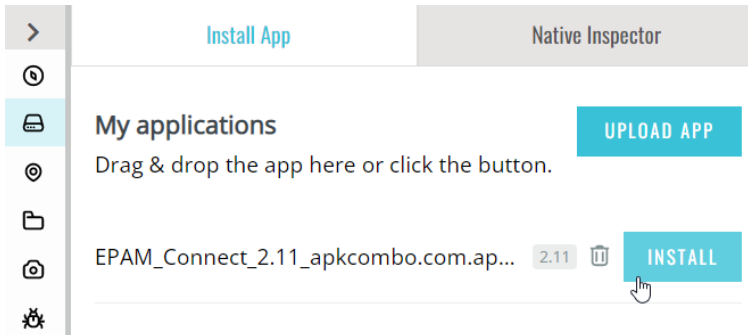


- 1) Open the Pane -> Native
- 2) Click on Upload app
- 3) Choose the required file in the File Explorer
- 4) Click on *Open*

Steps to install an application

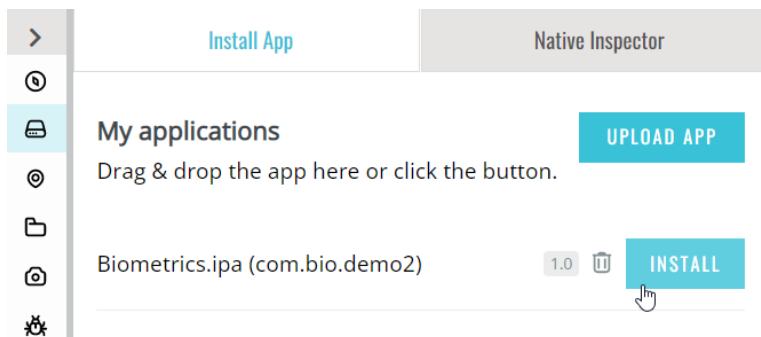
The tab has [uploaded applications](#).

Android:



1) Click on Install

iOS:



1) Click on Install

- App Re-signing
If checked, this embeds our own provisioning profile into the installed app.
- Image Injection
Enables you to test QR/Barcode and Biometric Authentication in the installed app.

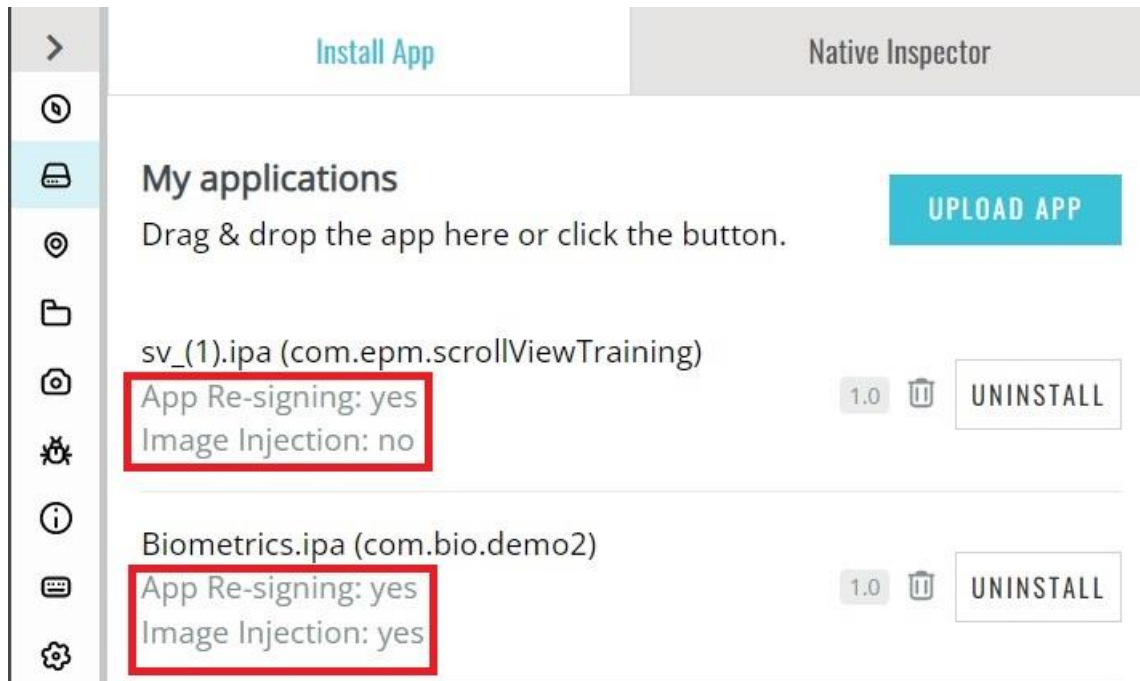
- 2) Choose the checkboxes if needed
- 3) Click on Start installation



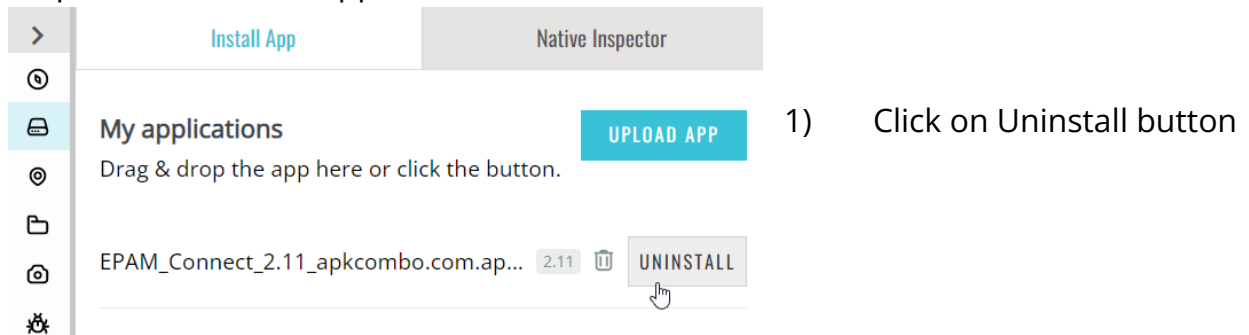
If you have faced any issue during the installation, contact support@mobitru.com.

Checkbox labels (iOS only)

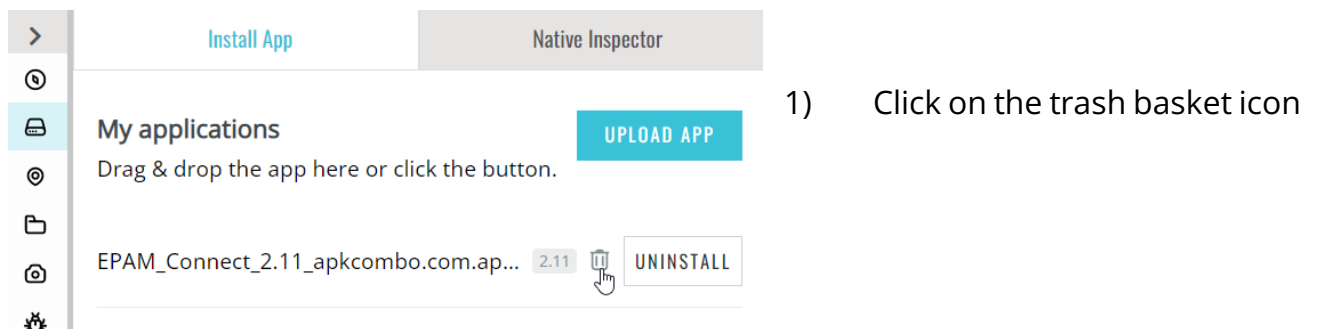
You can check what checkboxes you chose for an app installation. Special labels are displayed under the app's name:



Steps to uninstall an app



Steps to remove an app



Remove app

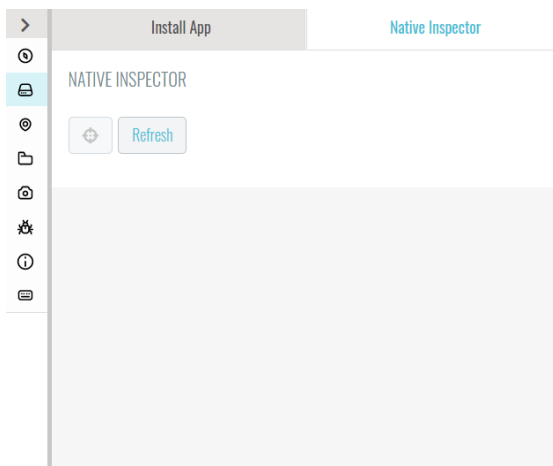
Are you sure you would like to remove the app?




- 2) Choose:
 - Remove: the uploaded/installed application will be removed from the Install App tab.
 - Cancel: the Remove app modal closes, the app remains in the tab

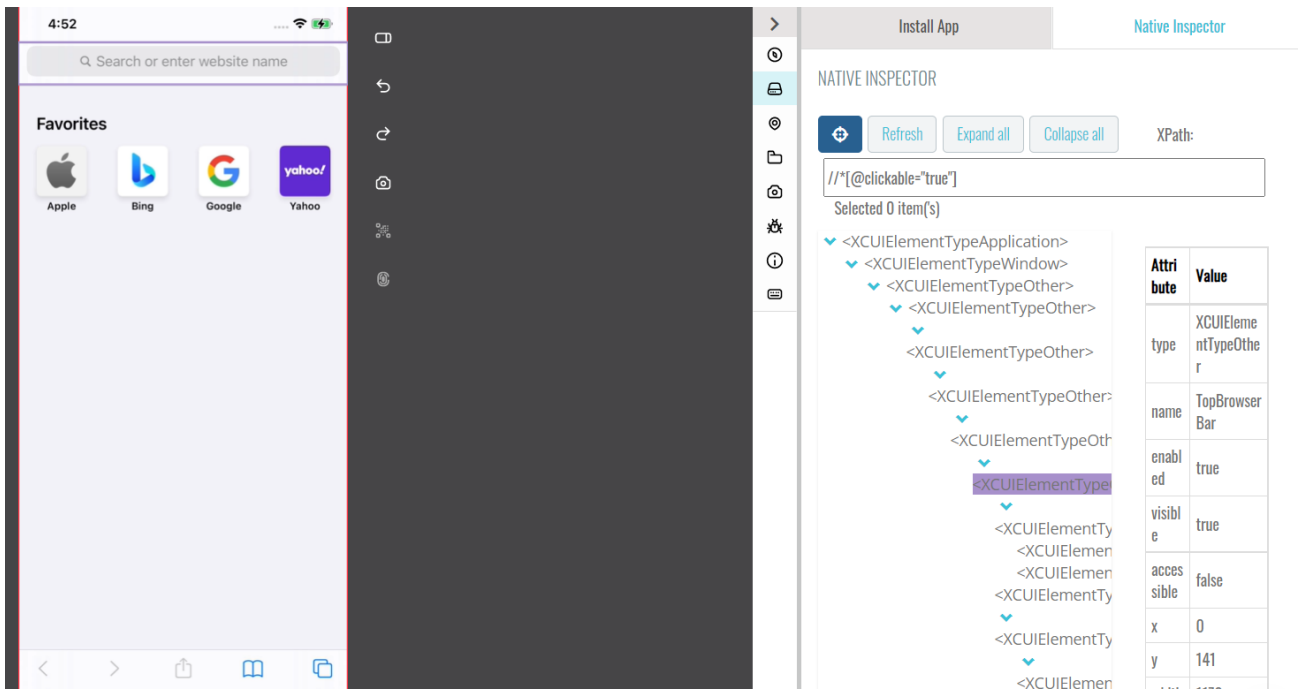
- NATIVE INSPECTOR allows seeing the mobile UI as a tree structure and inspect an element in detail.

Steps to explore the elements in the Native Inspector:



- 1) Open the Pane -> Native Inspector
- 2) Click on *Refresh*

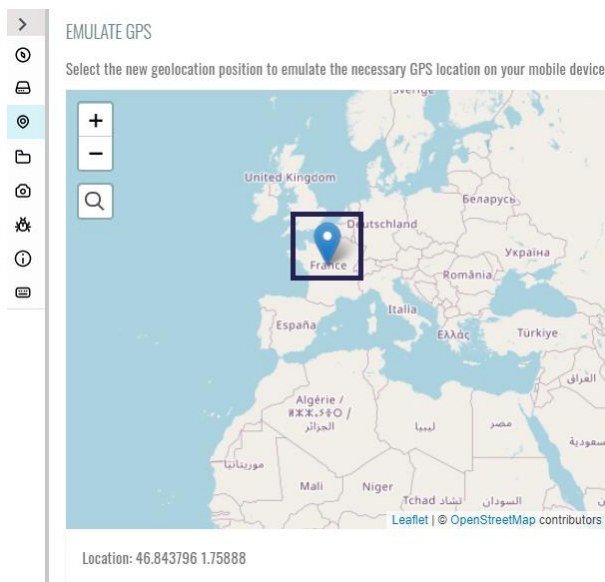
- 3) Click on *Select an element* ()
- 4) Hover over an element on the Device screen or in the tree structure
- 5) Click on the element



The clicked element is highlighted in purple in the Device and in the tree structure. The *Attribute/Value* table appears on the right of the tree structure.

Location tab

- EMULATE GPS allows selecting a new geolocation position to fake the necessary location on the device.



Steps to emulate a new location:

Option 1:

- 1) Open the Pane -> Location
- 2) Click and hold the map pin
- 3) Drag and drop the map pin to the necessary location
- 4) Open an application requiring GPS

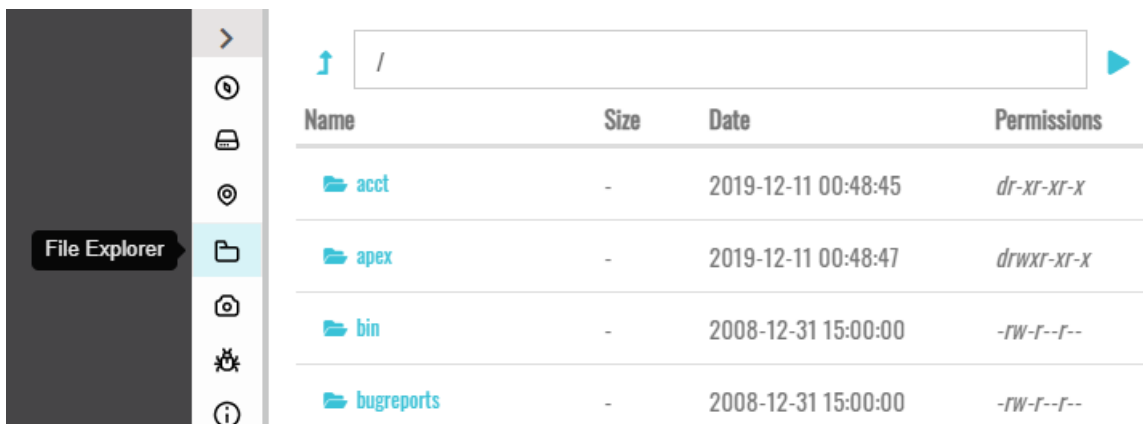


Option 2:

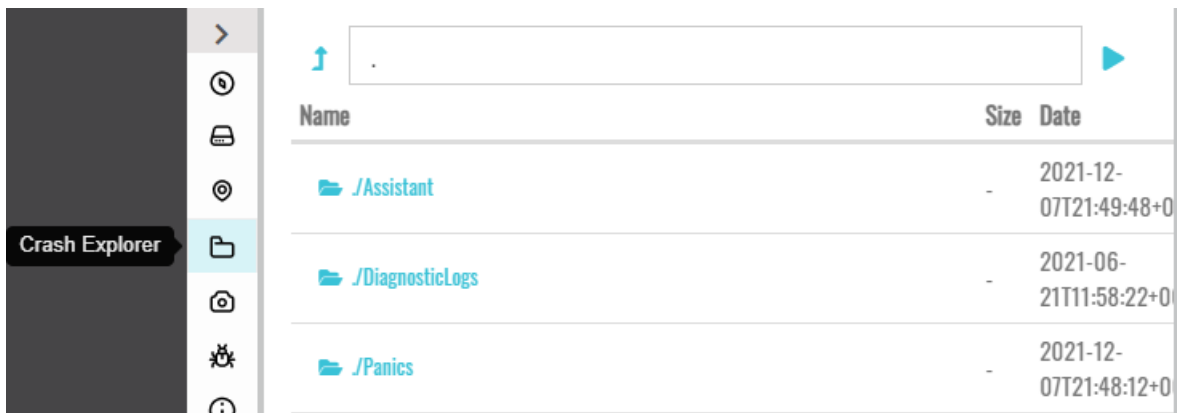
- 1) Open the Pane -> Location
- 2) Click on the magnifier icon
- 3) Enter the address
- 4) Open an application requiring GPS

Explorer tab

- FILE EXPLORER allows accessing the Android device file system.

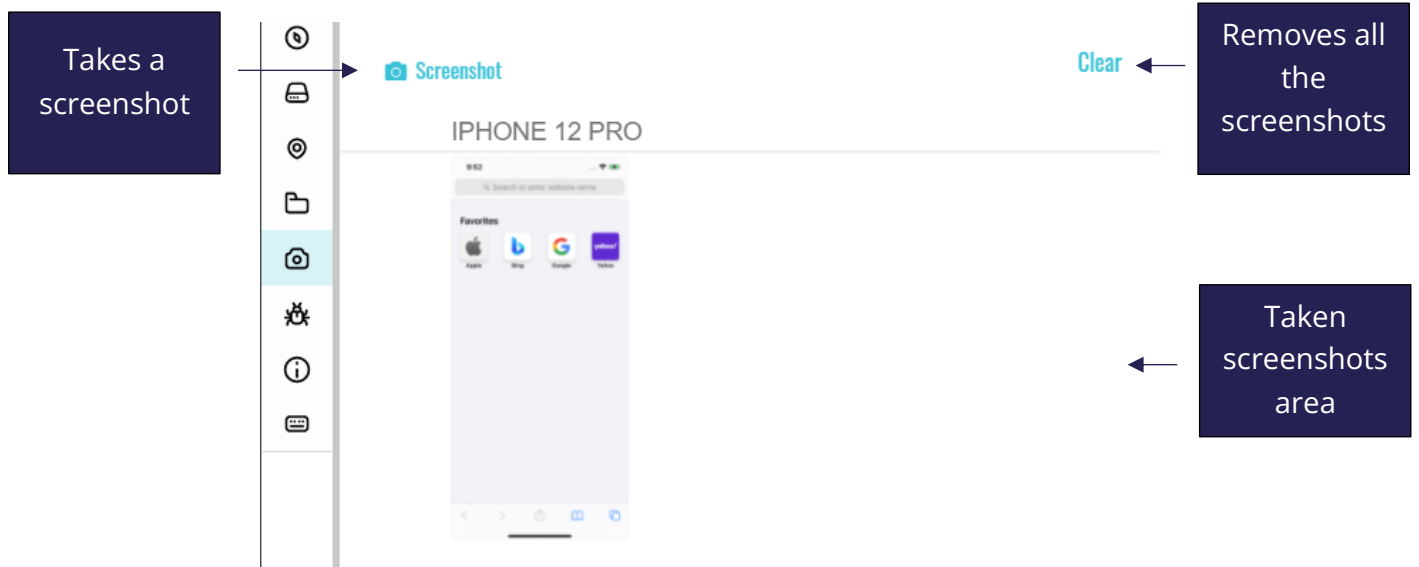


- CRASH EXPLORER allows accessing the iOS device logs.



Screenshot tab

- SCREENSHOT MANAGER allows taking screenshots and keeping them within the device session in the Screenshot tab.

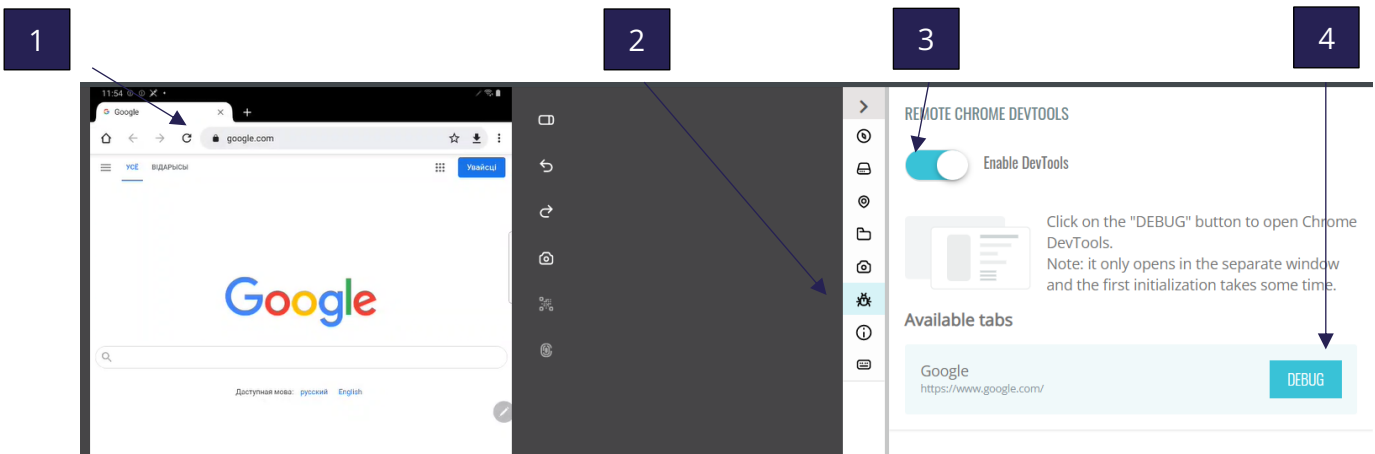


Web development tools

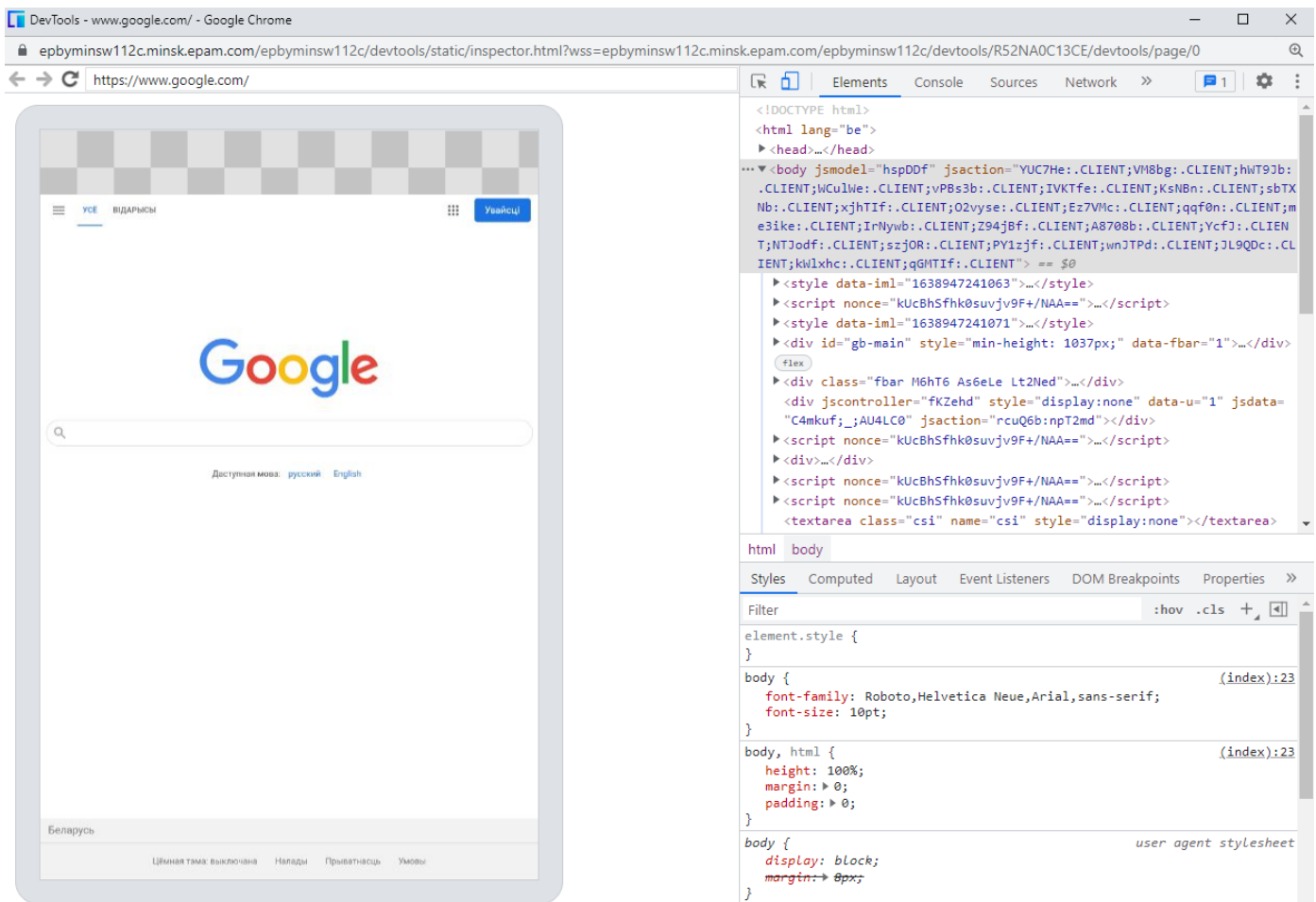
- REMOTE CHROME DEVTOOLS allows inspecting and debugging web applications on Android devices with the help of Chrome DevTools.

Steps to use Chrome DevTools:

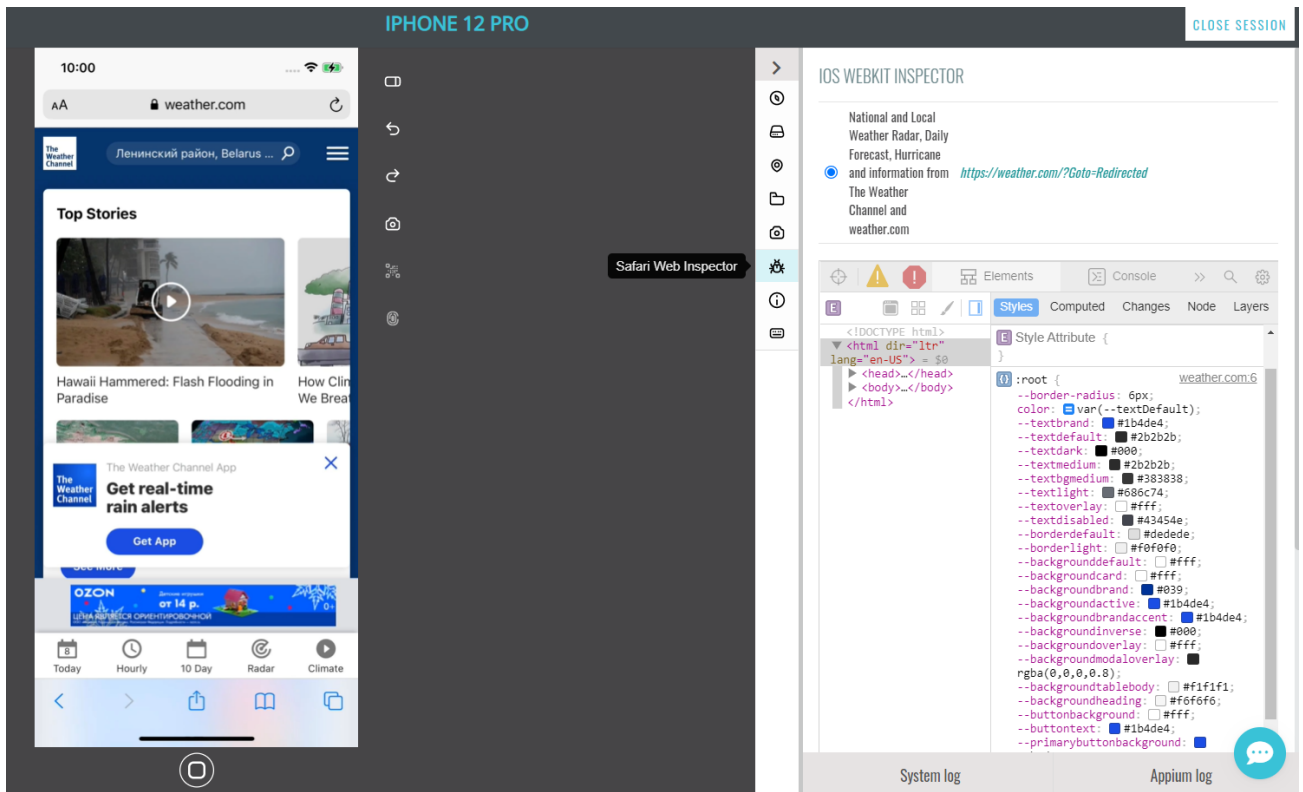
- 1) Open the required web application in Chrome
- 2) Open the Pane -> Web development tools
- 3) Enable the toggle
- 4) Click on the *Debug* button



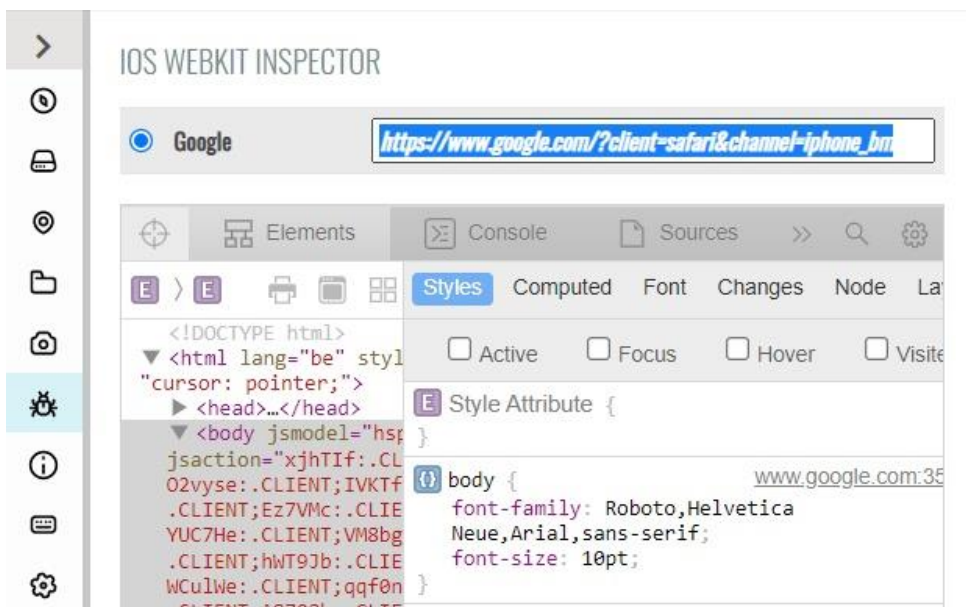
After clicking on *Debug*, the DevTools window opens:



- iOS WEBKIT INSPECTOR allows inspecting and debugging web applications on iOS devices with the help of an embedded Safari web inspector.

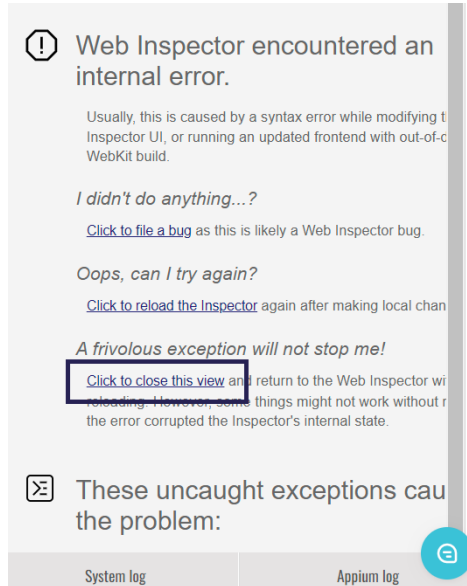


You can change the site in the browser and inspector in the following way:



- 1) Double click on the filed next to the name of the website
- 2) Enter URL

If you see "Web inspector encountered an internal error" in iOS Webkit inspector, click on "Click to this view":

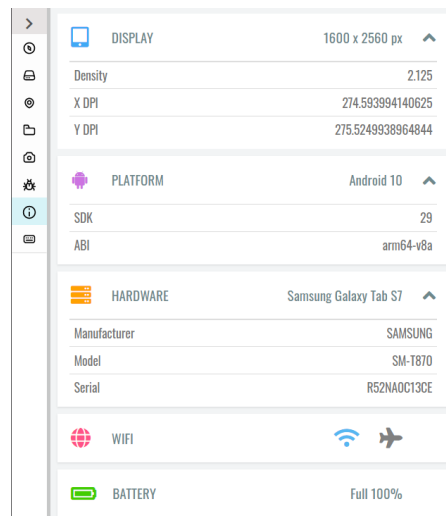


Info tab

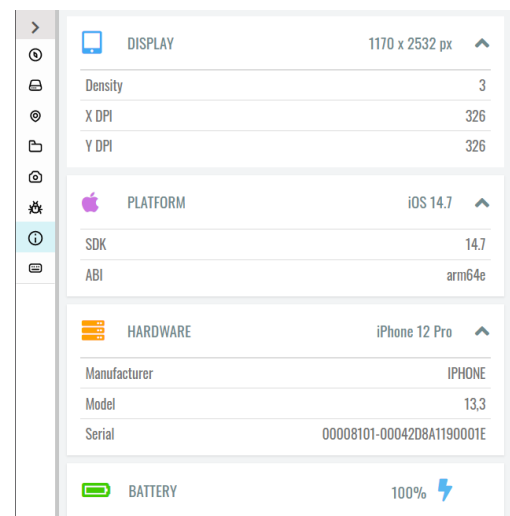
- INFO provides some useful data regarding the device: display, platform, hardware, wi-fi*, battery.

*This feature is available for Android devices only.

Android info:



iOS info:



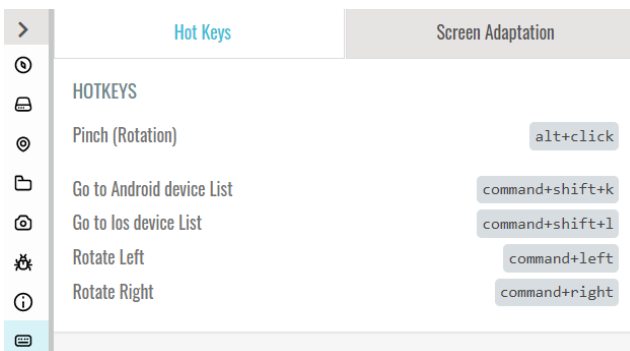
Help tab

- HOT KEYS provides the information about the combinations of keys to perform an action.

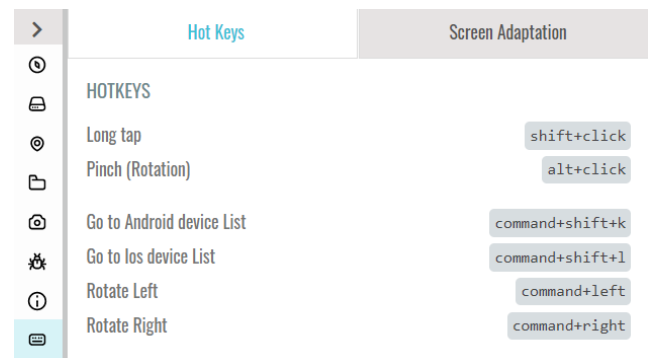


The combinations involving COMMAND are not applicable for Windows.

Android hot keys



iOS hot keys



Streaming Quality settings

You can adjust the Streaming Quality Settings based on your Internet connection in the Quality Settings tab.

There are 2 streaming modes:



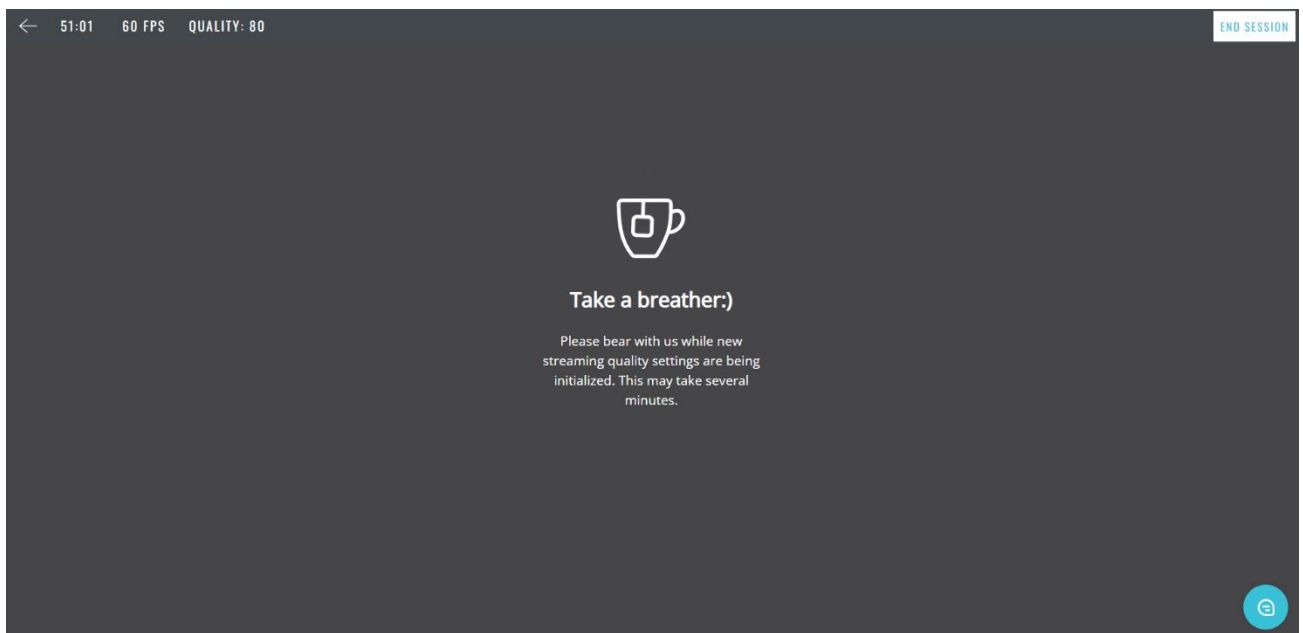
When you click on a mode, the Confirmation screen appears:

Would you like to proceed?

Switching the Streaming mode takes time.
Please confirm switching the mode.



During the mode change, the following screen is displayed:



Video

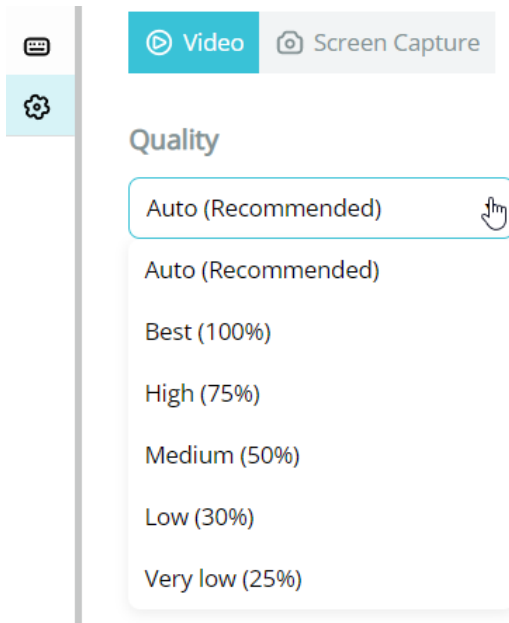
The device is displayed based on the video encoding settings.



This mode is available on the following OS versions:

- iOS: equal or higher than 11
- Android: all the versions

You can choose the video quality in the Quality drop-down:



We recommend the Auto option so that the streaming quality could change, and you do not lose performance if the Internet connection has become worse.

Screen Capture

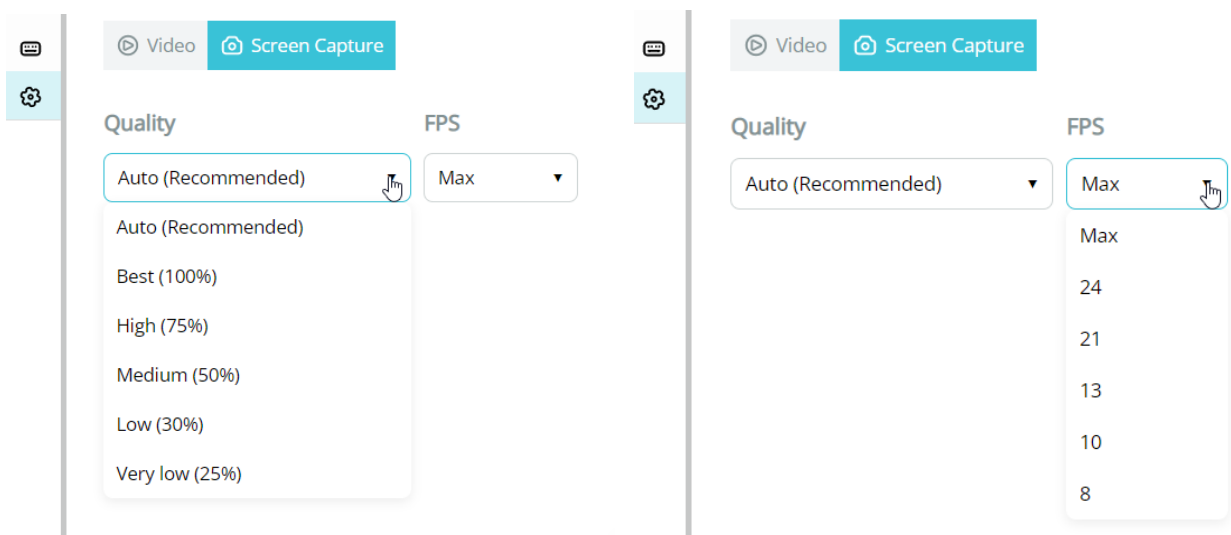
You should switch to this mode when your Internet connection is slow.



This mode is available on the following OS versions:

- iOS devices: all the versions
- Android: less than 10.

You can choose Quality and FPS in the appropriate drop-downs:



8. Device

The Device represents the UI of the opened device in real time.

9. Navigation controls

Navigation controls are displayed under the Device, and they perform the following functions:

iOS

iOS has only Home button that collapses all the applications to display the Home screen.

Android

Android has 4 buttons:

- Menu – opens a kebab menu if it is presented in the application.
- Home – collapses all the applications to display the Home screen.
- Overview – opens all the collapsed applications to expand the required one.
- Back – opens the previous screen.

10. Context menu

The Context menu opens by a right-click action of the mouse.

Modal windows

Mobitru has the following modal windows:

Welcome screen

Appears when you log in for the first time or when the browser has been cleared. When you hover over a block, it becomes colorful. User Guide is opened when you click on a block.

The screenshot shows a modal window titled "Welcome, Test!" with the following content:

- Text: "We would like to present you with the updated Mobitru platform. Enjoy exploring the new features:"
- Feature blocks (each with a description and a small icon):
 - QR/Barcodes**: Upload a QR/Barcode to test a camera image injection feature.
 - Biometrics**: Make an authentication request to test a Biometric feature.
 - Automation**: Run your automation tests based on Selenium 4.
 - App Installation**: Upload, keep and install your apps in the updated Install App tab.
 - Streaming Quality**: Choose a Streaming Quality mode based on your connection.
 - Other**: Find out a Device viewport, check Active users and more...
- Buttons at the bottom: "CLOSE", "READ QUICK START GUIDE", and navigation arrows with "1/2" in the center.

Callout boxes above the screenshot provide the following information:

- Box 1: "Opens pdf with short information about Mobitru" (points to the QR/Barcodes block).
- Box 2: "Opens pdf with the information about the feature" (points to the Biometrics block).
- Box 3: "Switches to the previous release information" (points to the Automation block).

End session

Appears to confirm closing the session.

End Session?

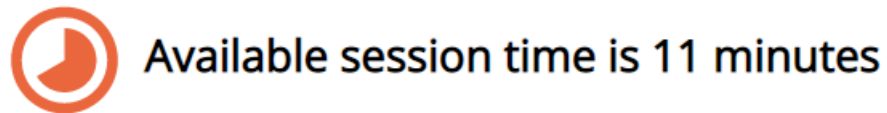
Please confirm terminating the session.

The screenshot shows a modal window titled "End Session?" with the following content:

- Text: "Please confirm terminating the session."
- Buttons: "CANCEL" and "CONFIRM"

Available session time

Appears when you start a device booked by someone else within the nearest hour.

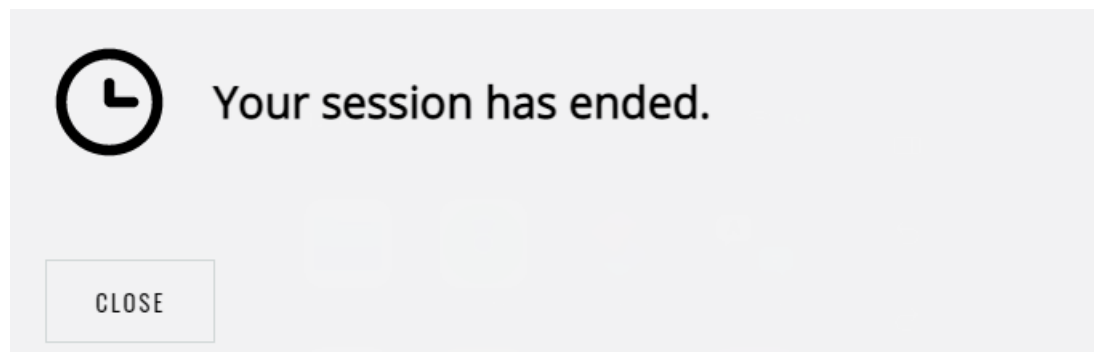


Session duration is restricted due to the upcoming device booking.
Please confirm proceeding with the reduced session time.



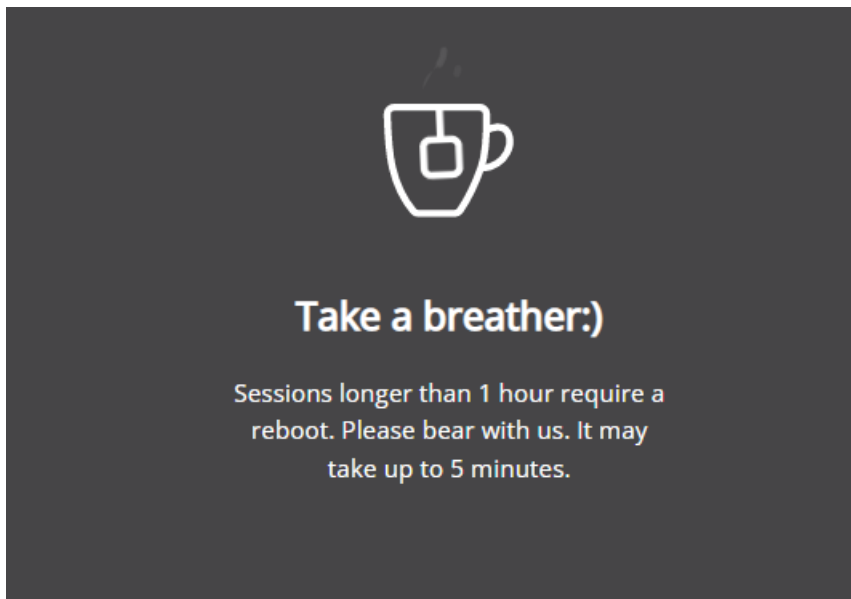
Session has ended

Appears when a session finishes itself: in 15 minutes for Premium devices for Personal accounts and in 1 hour for other devices.



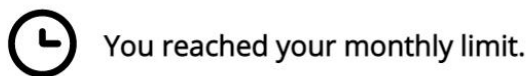
Maintenance

Appears for devices booked for more than 1 hour when 1 hour of the session passes. This time is not counted to the Statistics data.

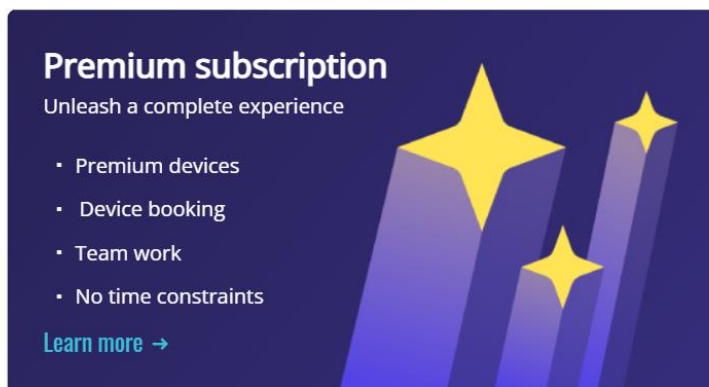


Reached quota

Appears for the users whose plan quota has expired.



Your subscription is over. Please update the plan or wait till the end of the current month to start over.



Premium device

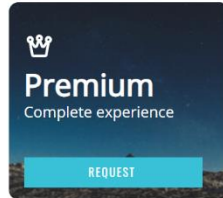
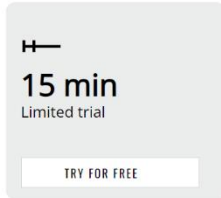
Appears for Personal accounts when they start a premium device.



Premium Device

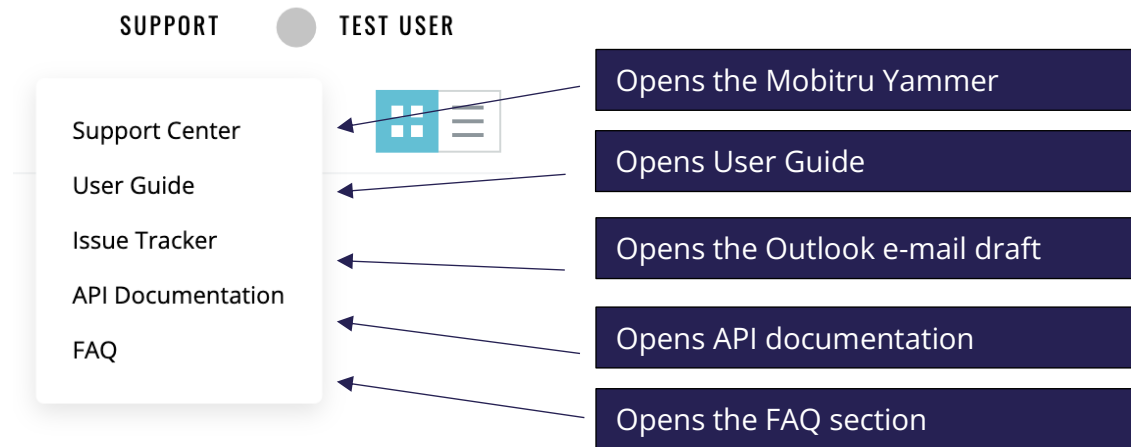
This device is only available to the teams with subscription.

You can try it out for 15 minutes or you can subscribe to a premium plan for unlimited access.



Support menu

You can find useful information in the Support menu that is displayed in the Header. When you click on the Support option, the following drop-down opens:



Report a problem

You can find a blue icon in the bottom right corner of the screen. When you click on it, the window opens where you can describe a problem you are facing. After sending the problem, Mobitru team will contact you shortly.

Report a problem

Empty text area for reporting a problem.

CANCEL

SEND

Support

Mobitru contacts

Send an e-mail to ask additional questions, request devices, and report problems:

support@mobitru.com – Mobitru support team distribution list.