Action.launch()

Overview

Launches an Android Activity that allows the Client to interact with other software loaded on the device.

Calls to Action.launch() are asynchronous and the script will continue to execute even though the activity has not returned.

Activities are started using intents. The intent is represented as a JavaScript object with certain properties.

- Intents must have at least an action or a class and package combination.

- If multiple applications match the intent, a chooser dialog will appear.

Format

`Action.launch(intent);`

Intent object properties

Value	Description	Type	Required	Notes
action	A string representing the action to be performed.	String	Optional	If the device has multiple apps registered to handle an action, a chooser dialog appears.
categories	A list of required categories for the activity that is being started.	Array of strings	Optional	
class	The name of the activity class to explicitly launch.	String	Optional	Must be used with `package`.
package	The name of the application package to explicitly launch.	String	Optional	Must be used with `class`.
data	The data URI that the action will operate on.	String	Optional	Must be a URI formatted string. For example: `"http://www.wavelink.com/"` `"file:///sdcard/file.dat"` *Added in version 2.1.1*
mime	The explicit MIME type of the data, or, if no data is specified, a request for a specific MIME type result.	String	Optional	Rarely used. For example: `"text\plain"` *Added in version 2.1.1*
extras	Passes additional data to the invoked app.	Array of objects	Optional	If you use extras, you must specify the name, value, and type (string, integer, or boolean) for the data.

Example 1

```
/* Start the calculator activity.
 */
Action.launch({
    action:'android.intent.action.MAIN',
    categories:['android.intent.category.APP_CALCULATOR']
});
```

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Example 2

```
/* Start the RXLogger activity.
 */
Action.launch({
    action:'android.intent.action.MAIN',
    package: "com.symbol.rxlogger.main",
    class: "com.symbol.rxlogger.main.MainActivity",
});
```

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Example 3

```
/* Start a web browser and navigate to Ivanti's web page.
 */
Action.launch({
    action:'android.intent.action.VIEW',
    data: "http://www.ivanti.com"
});
```

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Example 4

```
/* Send an email to multiple recipients.
 */

Action.launch({
    action: "android.intent.action.SENDTO",
    data: "mailto:",
    extras: [
        {name: "android.intent.extra.EMAIL", value: ["user1@example.com", "user2@example.com"], type: "string"},
        {name: "android.intent.extra.SUBJECT", value: "Email subject", type: "string"},
        {name: "android.intent.extra.TEXT", value: "Hello, this is the body of the email being sent.", type: "string"}
    ]
});
```

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