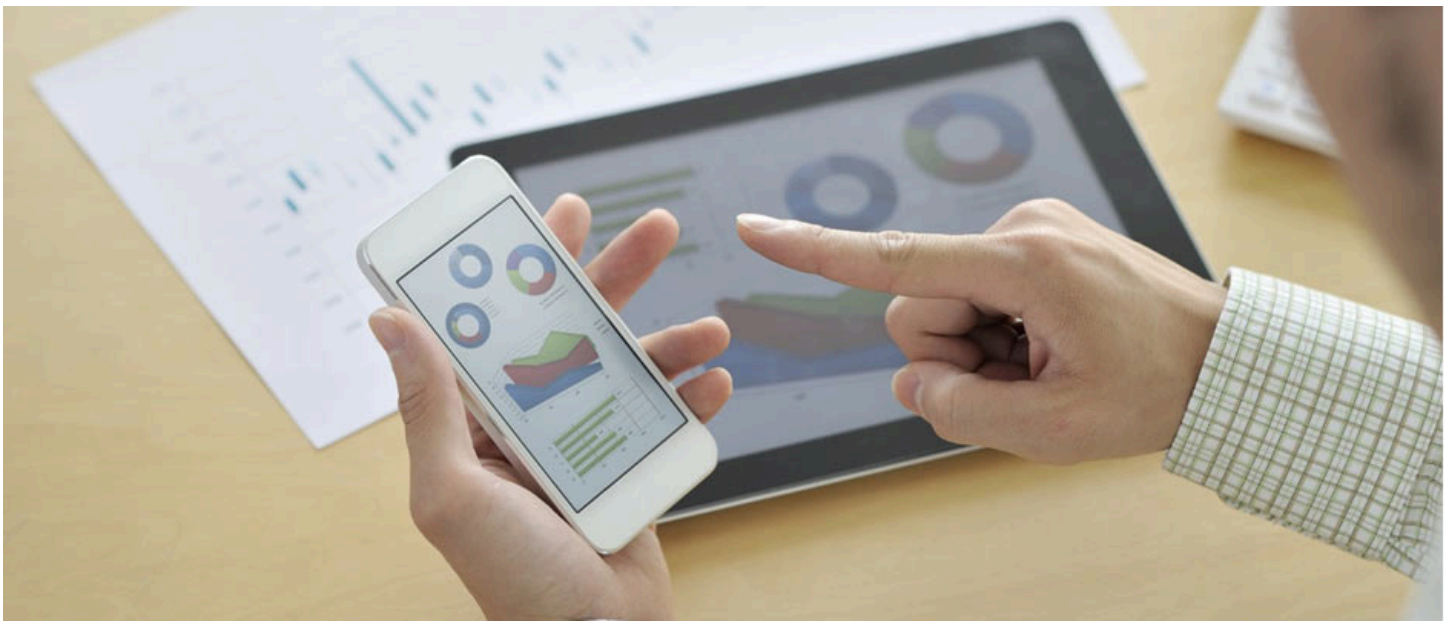
scientiamobile

"The first step in a great mobile experience"



WURFL.JS CAPABILITIES

Support

The ScientiaMobile Enterprise Support Portal is open to all WURFL users, both commercial license holders and evaluation users. It represents the combined knowledge base for the WURFL community. Commercial licensees are invited to post questions in the forum using the account to which their licenses are associated. This may mean faster handling of those posts by ScientiaMobile's personnel.

For commercial license holders, there are tiered support levels to address a variety of business support needs. After logging into your account, commercial licensees with support options can access the Enterprise Support portal to post tickets. These tickets will receive expedited attention.

To inquire about support plans, use our License Inquiry or our General Inquiry form.

Update Notifications

If you would like to be notified of our API updates, major data updates, and other technical changes, please subscribe to our ScientiaMobile Announcements list.

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WURFL.js Capabilities

WURFL.js delivers significantly more capabilities than the Lite version to its users. This allows more fine grained optimization and analytical power to its adopters. Here is the list of available capabilities:

WURFL.js Basic/Standard/Pro Capabilities:

Capability	Description
complete_device_name	***(Available in Community Edition)*** Concatenates brand name, model name and marketing name (where available) of a device into a single string.
is_mobile	***(Available in Community Edition)*** Tells you if a device is wireless or not. Specifically a mobile phone or a PDA are considered as wireless devices, but a desktop PC or a laptop are not.
form_factor	***(Available in Community Edition)*** This virtual capability will return one of the following values that identify a client's form factor: `Desktop`, `Tablet`, `Smartphone,` `Feature Phone`, `Smart-TV`, `Robot`, `Other non-Mobile`, `Other Mobile`
brand_name	The brand name of the device. (ex: **Nokia**)
model_name	The model name of the device. (ex: **N95**)
marketing_name	In addition to Brand and Model, some devices have a marketing name. (ex: BlackBerry 8100 **Pearl**, Nokia 8800 **Scirocco**, Samsung M800 **Instinct**).
manufacturer_name	Name of the device's manufacturer if it is different from the brand.
resolution_width	This field represents the screen width expressed in pixels.
resolution_height	This field represents the screen height expressed in pixels.
max_image_width	Width of the images viewable (usable) width expressed in pixels.
max_image_height	Height of the images viewable (usable) width expressed in pixels.
pointing_method	Links and widgets can be activated with either a stylus, a finger, a joystick or a BlackBerry-style clickwheel.
physical_screen_width	Screen width in millimeters.
physical_screen_height	Screen height in millimeters.
is_app_webview	This capability returns true if a HTTP request is from an app based webview.
is_full_desktop	User-Agent (i.e. HTTP Client requesting the content) is a fully-fledged Desktop web-browser with access to physical QWERTY keyboard and mouse.
is_robot	Tells you if the HTTP Client is a robot, crawler or other programmable agent.
is_tablet	Tells you if a device is a tablet computer (iPad and similar, regardless of OS).
is_smartphone	Tells you if a device is a Smartphone.

Capability	Description
is_smarttv	Device is a SmartTV (GoogleTV, Boxee Box, AppleTV, etc.).
advertised_browser	This capability will infer the name of the browser based on user-agent string analysis (and possibly the analysis of other HTTP headers and WURFL capabilities).
advertised_browser_version	This capability will infer the name of the browser based on user-agent string analysis (and possibly the analysis of other HTTP headers and WURFL capabilities).
advertised_device_os	This capability will infer the name of the Device OS based on user-agent string analysis (and possibly the analysis of other HTTP headers and WURFL capabilities).
advertised_device_os_version	This capability will infer the name of the Device OS Version based on user-agent string analysis (and possibly the analysis of other HTTP headers and WURFL capabilities).

License

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The complete WURFL.js Basic/Standard/Pro License can be found **here**.