WURFL InFuze for HAProxy

WURFL

HAPROXY
Powering Your Uptime

The Power of Device Intelligence for Load Balancing

Benefits

- Enables real-time device detection for mobile optimization and device analytics.
- Delivers high-performance C/C++ device detection API suitable for large enterprises, advertising networks, and e-commerce sites.
- Supports use of WURFL device capabilities within HAProxy load balancing logic.
- Integrates with HAProxy to deliver WURFL device capabilities to any downstream application across the network.

Enterprises with high mobile web traffic need effective tools for mobile optimization (content, layout, navigation) and collection of mobile device analytics. Likewise, they need to manage their traffic levels using load balancing. Now they can perform both simultanteously.

WURFL InFuze for HAProxy provides a high-performance device detection C/C++ API with a module that simplifies integration into HAProxy's load balancing processes. Now, you can use WURFL's device capabilites to drive HAProxy's load balancing logic, parsing out different streams of mobile traffic. In addition, WURFL InFuze's device capabilities can be delivered to downstream applications via modified HTTP headers.

HAProxy can leverage WURFL device capabilities like: device model, device manufacturer, form factor, screen size, screen resolution, OS version, browser, price of device, and over 500 other device attributes. This approch yields more efficient load balancing, improved mobile optimization, analytics, and advertising.

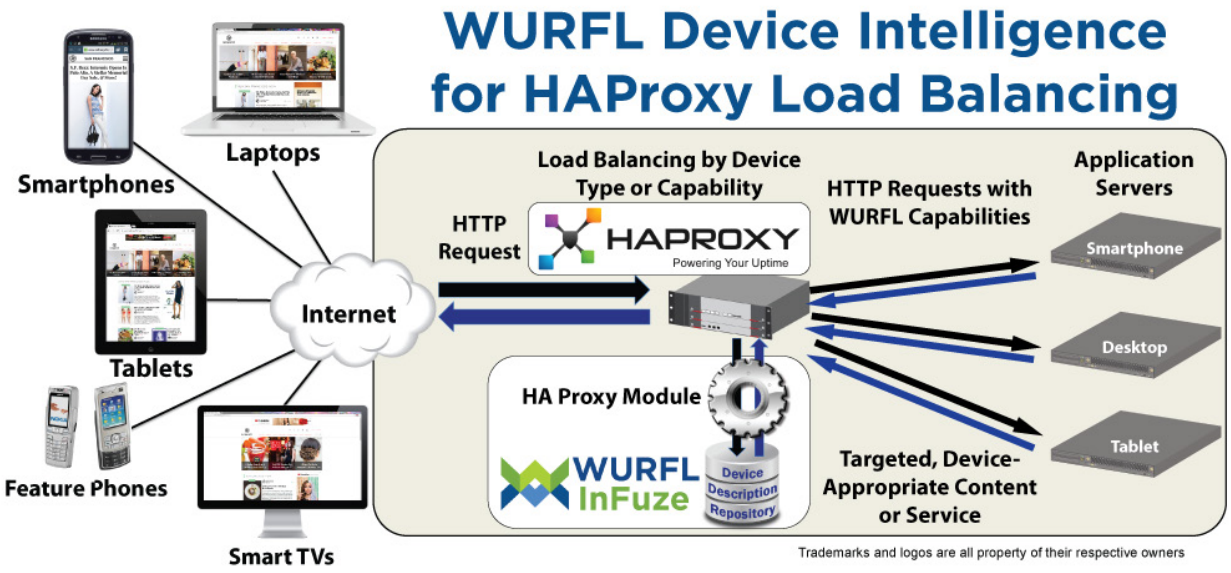
The WURFL InFuze API is made available with a C layer that allows linking to C programs on a wide variety of platforms (Linux, Unix, FreeBSD, SmartOS, Microsoft Windows). HAProxy provides scalable software-based load balancing that can be deployed on virtualized, containerized platforms.

Accurate Device Detection and Updates

WURFL provides the industry's most accurate device detection solution, identifying greater than 99% of user agents. Every month, we analyze more than 2 billion user agents, including difficult to identify Chinese and Indian models, to improve our data and detection processess. Every week, customers receive XML updates to ensure accuracy for the ever-growing universe of devices. As we continue to improve accuracy and speed of our detection logic, we also provide quarterly updates of our API.

Extensibility

Customers can also extend functionality with WURFL patch files. They can add both groupings of devices and new capabilities to the WURFL repository. As the WURFL XML file is updated weekly, the customer's WURFL patch file continues to deliver its extended functionality. This way, customers can maintain their own branch of WURFL modifications to meet their unique business needs.



Device Coverage and Capabilities

WURFL's device library contains over 50,000 device profiles, including smartphones, tablets, laptops, smart TVs, IOT, and game consoles. As the DDR grows, detection performance stays high through use of caching and efficient database architecture. WURFL InFuze provides over 500 fields that describe and classify device capabilities. These capabilities describe critical features like price of the device, screen dimension, or media rendering capabilities. These also include useful virtual capabilities like "is_smartphone", "is_robot", and "is_touchscreen."

Support

Our staff of full-time support professionals has over 30 years of device detection and operations experience. We provide 24/7 support for customers around the world, including the fastest response and resolution time in the industry. In addition to our enterprise ticketing system, we actively moderate and respond to ScientiaMobile's forum that reflects the knowledgebase built over the last 10 years.

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