Mobile.TING Documentation

Purpose

This documentation is meant for developers and ding.TING site owners with the wish to serve their site in a mobile version.

Requirements

Mobile Ding requires a ding.TING v1.5.x installation or newer. If it is highly recommended to build Mobile.TING on an already existing installation.

An overview
To serve mobile pages from your Ding site, you will have to walk through the following steps.

1. Fetch and install base theme [Alternator](#)
2. Build your own mobile theme based on Alternator ([Example: Kolding mobile](#))
3. Install and configure the contrib module mobile_tools
4. Fork repository [ding_mobile](#) and adjust the pages and views to fit your theme.

It is recommended that these modules and themes are installed by updating the ding.make and ding.profile files for your installation.

Start here: https://github.com/mobile-TING

Technical brief

The contrib module Mobile Tools (http://drupal.org/project/mobile_tools) is needed in order to change theme based on device and to provide the function mobile_tools_is_mobile_site() used in selection rules on panels pages in order to display a more simple page variant.

Variants for many pages are already featured in the module ding_mobile [(https://github.com/mobile-TING/ding-mobile](https://github.com/mobile-TING/ding-mobile)) and more can easily be added using export variant in the panels interface, therefore it is recommended to fork the ding_mobile project initially since you most likely will have to add more pages.

Alternator [(https://github.com/mobile-TING/alternator](https://github.com/mobile-TING/alternator)) was originally meant as a base theme much like Dynamo, but for mobile devices instead. After installation and creation of a theme extending Alternator, you should configure Mobile Tools to use your new mobile theme, switching based on the URL, here http://yoursite/admin/settings/mobile-tools/themes.

In further configuration of Mobile Tools, you need to indicate the base URL for both Desktop and Mobile site (http://yoursite/admin/settings/mobile-tools)

Besides containing panel variants, the feature ding_mobile, also contains a lot of exported views, in order to simplify the markup rendered for ie. article and event views.

Performance-issues and Varnish

Ding.mobile currently have a problem with Varnish, because mobile_tools creates a session cookie. This is an unresolved issue. We're working on a solution, but it isn't easy.

Read more about the topic here: http://fangel.github.com/mobile-detection-varnish-drupal/