New in Tiki21, it allows to enable Two-factor Authentication in order to massively increase the security of user accounts during their authentication.

It uses **pragmarx/google2fa**, which is a PHP implementation of the Google Two-Factor Authentication Module, supporting the HMAC-Based One-time Password (HOTP) algorithm specified in **RFC 4226** and the Time-based One-time Password (TOTP) algorithm specified in **RFC 6238**.

With this feature, users combine their Username and Password to another authentication factor, an ephemeral secret code, when logging into Tiki, This third authentication factor (Secret Code) will be provided by Google Authenticator® app.

**Steps**

**Step 1:** First enable the “Allow users to use 2FA” option in the "Log In" feature in your Tiki, go to **Settings → Control Panels → Log In → General Preferences** tab “tiki-admin.php?page=login#contentadmin_login-1” (e.g. http://www.example.com/tiki-admin.php?page=login#contentadmin_login-1) with “Preference Filters” to Advanced.
**Step 2:** Second, install Google Authenticator® App on your mobile phone. [See](#) how to install it.

**Step 3:** Thirdly check the “Enable two-factor authentication” option in the “User Preferences” page, the “Account Information” tab and click on “Save changes” button. Note that the current password is required to make changes.

At this step, you need to connect Tiki and the Google Authenticator® application by scanning the QR Code generated in the “User Preferences” page. Click on “Show QRCode” to display the QR Code, scan it using the application you installed in step 2.

**Step 4:** Finally, when authenticating on page “Log In” (e.g. http://www.example.com/tiki-login_scr.php?twoFactorForm), take the code generated by Google Authenticator® App and enter it in the field “Two-factor Authenticator Code”.

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Enable two-factor authentication:

1. Install Google Authenticator® app on your device and open it.
2. Tap “Scan a barcode”.
3. Scan the QR code that is open in your browser.
4. Done, Google Authenticator® is now generation codes.
Log In

Username: 

Password: 

I forgot my password 

Two-factor Authenticator Code: 

Log in

Register

Related links

- Original commit: http://sourceforge.net/p/tikiwiki/code/70793