Image Directory Revamp

Tiki img directory consolidation.

Revamp finished and part of Tiki9

Goal

- Stage 1: to have a clean, organized structure to find things where they are expected - DONE
- Stage 2: delete unnecessary, unused files - partly DONE, still many unused files left

Timeline

- Lets agree first on how it should be, than figure out how to do
- March 2nd - 4th: make it happen for Tiki9 (trunk now)
- Document the changes made: Update docs for Tiki 9 -> Tiki9

Number of references in all the files

Some grepping stats (revision 39998 after clearing Tiki cache):

```
luci@w7-vbox-ubuntu:/var/www/tikitrunk$ grep -Ro --exclude-dir=.svn 'img/' * | wc -l
1029
luci@w7-vbox-ubuntu:/var/www/tikitrunk$ grep -Ro --exclude-dir=.svn 'images/' * | wc -l
1448
luci@w7-vbox-ubuntu:/var/www/tikitrunk$ grep -Ro --exclude-dir=.svn 'pics/' * | wc -l
4574
```

Revamped img dir structure proposal

- img/
  - img/avatars/
  - img/flags/
  - img/icons/
    - img/icons/large/
    - img/icons/mime/
    - img/icons/sprite/
    - img/icons/svg/ (for future use of http://raphaeljs.com/icons )
  - img/smiles/
  - img/tiki/
  - img/trackers/
  - img/webmail/
  - img/wiki/
  - img/wiki_up/
Issues / Questions / Concerns

- things might get temporarily broken in trunk but on the long run we should get through this
- afraid if the "icon themes" override functionality will be preserved (see for example Strasa theme) — luci
- what happens if there is wiki page created named "images" and rewrite rules are on via .htaccess - it is very possible case. Will the images be still readable or broken? would not it be better to use the img dir or pics dir instead? — luci
  - OK. Just tried and it reveals, that if one creates page named "Images", he/she cannot access the created page after save using the SEFURL, because Tiki thinks it is the images/ dir and there is the index.php redirect to Tiki index page. — luci
    - luci: Only one problem remains with the images dir - now when it is gone i would expect that my test wiki page named "images" will be working but i get error instead redirecting me from http://localhost/tikitrunk/images to http://localhost/tikitrunk/images/ and the error is: "Page not found images/" and the theme is completely broken
    - gezza: on my localhost with SefURL on "tikitrunk/images" is being displayed fine
- just spotted it: what about lib/images/icons/? — luci
- known issue - Xavi reported his custom icons use old paths to pics/ and he gets PHP error now - will need php upgrade script created in installer/schema/ to replace the paths in tiki_preferences tool_icon

Things to Check

- Now we have just some things to check remaining:
  - rewrite rules in .htaccess
  - is there any Tiki 9 specific profile using the old paths on http://profiles.tiki.org?
  - is there any Theme on themes.tiki.org using the old paths?
  - are there any possible use cases causing trouble after upgrade?
    - custom toolbar icons created at /tiki-admin_toolbars.php get broken after update if they point to the legacy pics/icons folder. Related data is stored in tiki_preferences table with pref name tool_icons.
  - does fresh install work fine?

Overview

<table>
<thead>
<tr>
<th>Current path</th>
<th>Current number of pics</th>
<th>Proposal</th>
<th>Done in trunk</th>
</tr>
</thead>
<tbody>
<tr>
<td>/images</td>
<td>87</td>
<td>move to /img</td>
<td>Yes</td>
</tr>
<tr>
<td>/img</td>
<td>26</td>
<td>leave as it is</td>
<td>Yes</td>
</tr>
<tr>
<td>/img/avatars</td>
<td>0</td>
<td>leave as it is</td>
<td>Yes</td>
</tr>
<tr>
<td>/img/flags</td>
<td>252</td>
<td>leave as it is</td>
<td>Yes</td>
</tr>
<tr>
<td>/img/graph</td>
<td>4</td>
<td>move files to /img and DELETE</td>
<td>Yes</td>
</tr>
<tr>
<td>/img/icn</td>
<td>34</td>
<td>DELETE</td>
<td>Yes</td>
</tr>
<tr>
<td>/img/icons</td>
<td>310</td>
<td>leave as it is</td>
<td>Yes</td>
</tr>
<tr>
<td>Directory Path</td>
<td>Files</td>
<td>Action</td>
<td>Decision</td>
</tr>
<tr>
<td>-----------------------</td>
<td>-------</td>
<td>-------------------------------</td>
<td>----------</td>
</tr>
<tr>
<td>/img/icons2</td>
<td>164</td>
<td>move files to /img/icons and DELETE</td>
<td>Yes</td>
</tr>
<tr>
<td>/img/mytiki</td>
<td>16</td>
<td>move files to /img/icons/large/ and DELETE</td>
<td>Yes</td>
</tr>
<tr>
<td>/img/smiles</td>
<td>24</td>
<td>leave as it is</td>
<td>Yes</td>
</tr>
<tr>
<td>/img/tiki</td>
<td>7</td>
<td>leave as it is</td>
<td>Yes</td>
</tr>
<tr>
<td>/img/trackers</td>
<td>0</td>
<td>leave as it is</td>
<td>Yes</td>
</tr>
<tr>
<td>/img/webmail</td>
<td>14</td>
<td>leave as it is</td>
<td>Yes</td>
</tr>
<tr>
<td>/img/wiki</td>
<td>0</td>
<td>leave as it is</td>
<td>Yes</td>
</tr>
<tr>
<td>/img/wiki_up</td>
<td>0</td>
<td>leave as it is</td>
<td>Yes</td>
</tr>
<tr>
<td>/pics</td>
<td>6</td>
<td>move to /img/ and DELETE</td>
<td>Yes</td>
</tr>
<tr>
<td>/pics/icons</td>
<td>212</td>
<td>move to /img/icons</td>
<td>Yes</td>
</tr>
<tr>
<td>/pics/icons/mime</td>
<td>39</td>
<td>move to /img/icons/mime and DELETE</td>
<td>Yes</td>
</tr>
<tr>
<td>/pics/large</td>
<td>111</td>
<td>move to /img/icons/large and DELETE</td>
<td>Yes</td>
</tr>
<tr>
<td>/pics/sprite</td>
<td>2</td>
<td>move to /img/icons/sprite and DELETE</td>
<td>Yes</td>
</tr>
</tbody>
</table>

### Important files to check

```php
./lib/init/smarty.php:26:                       'styles/strasa/pics/icons/',
./lib/init/smarty.php:27:                       'styles/coelesce/pics/icons/',
./lib/init/smarty.php:28:                       'styles/darkroom/pics/icons/',
./lib/init/smarty.php:29:                       'styles/thenews/pics/icons/',
./lib/init/smarty.php:30:                       'styles/tikinewt/pics/icons/',
./lib/init/smarty.php:31:                       'styles/twist/pics/icons/',
./lib/init/smarty.php:38:                       'pics/',
./lib/init/smarty.php:39:                       'pics/icons',
./lib/init/smarty.php:40:                       'pics/icons/mime',
./lib/init/smarty.php:41:                       'pics/large',
```

```php
./lib/prefs/menus.php:20:                       'default' => 'pics/large',
```

```php
./lib/smarty_tiki/function.icon.php:58: $basedirs = array('pics/icons', 'images', 'img/icons', 'pics/icons/mime');
./lib/smarty_tiki/function.icon.php:71:         if ( isset($params['_defaultdir']) &&
$params['_defaultdir'] == 'pics/large' ) {
./lib/smarty_tiki/function.icon.php:79:         if ( $params['_defaultdir'] ==
'pics/large' ) {
./lib/smarty_tiki/modifier.iconify.php 29:      $icon =
file_exists("pics/icons/mime/$ext.png") ? $ext : 'default';
33:  '_id' => 'pics/icons/mime/'.$icon.'.png',
```
Change description
File system changes
r39999 - r40040

DB changes
No change

Background information
[+]

Alias
- ImgDirectoryRevamp