Wiki pages links are case insensitive but the category permission check for wiki pages menu entry only works if the case of the link matches the case of the wiki page name.

Say you have a wiki page called "Foo" and the "Registered" group has view permission to this page granted by a category. If you create a menu entry linking to the "Foo" page and set the URL as "Foo" everything will work as expected. But if you set the URL as "foo" the menu option will not appear to the users of the "Registered" group. Obviously for this to happen the "Registered" group must not have global tiki_p_view.

This does not happen if object permissions, instead of category permissions, grant access to the "Foo" page.

Solution

http://tikiwiki.svn.sourceforge.net/viewvc/tikiwiki/view=rev&revision=27364
The following patch (also attached) permanently fix the issue.

The method `Perms_ResolverFactory_CategoryFactory::bulkLoadCategories()` loads the property `Perms_ResolverFactory_CategoryFactory::knownObjects` with the list of objects and the categories they belong. The problem is that it does that by comparing the object name (in the case of menu options, the URL menu option value) with the `itemId` field of the table 'tiki_objects' in a case sensitive way. So it ends up loading a incomplete list of known objects.

```
Index: lib/core/lib/Perms/ResolverFactory/CategoryFactory.php
===================================================================
--- lib/core/lib/Perms/ResolverFactory/CategoryFactory.php      (revision 27307)
+++ lib/core/lib/Perms/ResolverFactory/CategoryFactory.php      (working copy)
@@ -95,7 +95,7 @@
     $key = $this->objectKey( array_merge( $baseContext, array('object' => $v ) ) );

     if( ! isset( $this->knownObjects[$key] ) ) {
-            $objects[$v] = $key;
+            $objects[strtolower($v)] = $key;
             $this->knownObjects[$key] = array();
     }
 }
@@ -112,7 +112,7 @@
     foreach( $result as $row ) {
         $category = (int) $row['categId'];
-            $object = $row['itemId'];
+            $object = strtolower($row['itemId']);
             $key = $objects[$object];
             $this->knownObjects[$key][] = $category;
```

Workaround
A easy workaround is to simply create the menu options matching the case of the wiki page name.

Priority
25

Demonstrate Bug
Please demonstrate your bug on show2.tikiwiki.org

Version: trunk

Ticket ID
3197

Created
Thursday 27 May, 2010 16:35:39 GMT-0000

LastModif
Sunday 30 May, 2010 00:25:51 GMT-0000

Comments
## Attachments

<table>
<thead>
<tr>
<th>filename</th>
<th>created</th>
<th>hits</th>
<th>comment</th>
<th>version</th>
<th>filetype</th>
</tr>
</thead>
<tbody>
<tr>
<td>CategoryFactory.php.patch</td>
<td>27 May 10 16:39 GMT-0000</td>
<td>84</td>
<td>Patch to fix the bug</td>
<td></td>
<td></td>
</tr>
</tbody>
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The original document is available at
https://dev.tiki.org/item3197-Category-permission-check-for-wiki-page-menu-option-not-working-in-some-cases

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