Experimental Branches InnoDB

The rest of this page is only kept for posterity.

## Introduction

### Wishes

### Open

<table>
<thead>
<tr>
<th>Rating</th>
<th>Subject</th>
<th>Submitted by</th>
<th>Importance</th>
<th>Easy to solve?</th>
<th>Priority</th>
<th>Category</th>
<th>Volunteered to solve</th>
<th>LastModif</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="https://example.com" alt="2 stars" /> <img src="https://example.com" alt="2 stars" /> <img src="https://example.com" alt="2 stars" /> <img src="https://example.com" alt="2 stars" /> <img src="https://example.com" alt="2 stars" /></td>
<td>SQL error when using wikiplugin_contributionsdashboard</td>
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<td>• Error</td>
<td></td>
<td>2019-06-26</td>
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<td>Index rebuilt error or warning about prefslib.php but not detailed in the logs</td>
<td>Bernard Sfez / Tiki Specialist</td>
<td>5</td>
<td>5</td>
<td>25</td>
<td>• Feature request • Regression</td>
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<td>Verbose lost when MySQL is not running (on MAMP ?)</td>
<td>Bernard Sfez / Tiki Specialist</td>
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<td>Installer timeout issue</td>
<td>Nelson Ko</td>
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<td>4</td>
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### Pending

No records found

### Fixed

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<th>Volunteered to solve</th>
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<td>Control panels save or login action, gives page with db errors</td>
<td>Wiebe</td>
<td>10 high</td>
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<td>50</td>
<td>• Error</td>
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<td>6 luci-06 Feb 19</td>
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<td>Database update error on upgrading a Tiki21 to Tiki22</td>
<td>Bernard Sfez / Tiki Specialist</td>
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<td>35</td>
<td>• Error • Upgrade Blocker</td>
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</tbody>
</table>
12.2: Install with InnoDB never ends the db population step

Xavier de Pedro

Easy to solve? 4
Priority 4
Category • Error

Submitted by Xavier de Pedro
Importance 4
Volunteered to solve
LastModif 2014-05-21
Comments 0

Interested community members

No records found

Database upgrades

When adding an engine dependent patch, the engine independent SQL must be put in the YYYYMMDD_description_tiki.sql file. The engine dependent parts must be put in an accompanying php file, specifying a post_YYYYMMDD_description_tiki function.

Example: Add a table with a fulltext index

```
DROP TABLE IF EXISTS `tiki_test`;
CREATE TABLE `tiki_test` (
    `title` varchar(255) default NULL,
    KEY `title` (`title`)
) ENGINE=MyISAM;
```

and a PHP file specifying the engine dependent part

```
function post_20110918_tiki_test_tiki( $installer ) {
    if($installer->isMySQLFulltextSearchSupported()) {
        $installer->query( "CREATE FULLTEXT INDEX ft_test ON tiki_test(`title`);" );
    }
}
```

ToDo

Remove "MySQL Full-Text Search" in config search

If the config search "Preference Filters" is set to Advanced, "MySQL Full-Text Search" is still displayed in the
Migrating existing databases to InnoDB

Migration steps

1. Make sure InnoDB is integrated in the standard/SVN Tiki release. Otherwise you may be unable to do any upgrades later.
2. Do a full backup of your current database/installation
3. Upgrade to the latest Tiki version (8.0 SVN or later).
4. Disable MySQL fulltext search in Tiki. It's not supported by InnoDB, and you won't be able to disable it from the GUI after the conversion
5. Drop all MyISAM fulltext indexes
6. Alter the database engine for all tables to InnoDB

Steps 5 and 6 are defined in the file db/tiki_convert_myisam_to_innodb.sql.

To be tested

- TRIM (would be nice that it works here too...