# 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>
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<td>✔️ ✔️ ✔️</td>
<td>Tiki 15.0 Alpha Installer complains about invalid characters in database name T15T</td>
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Pending

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No records found

Fixed

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<td>• Error • Regression • Upgrade Blocker</td>
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Interested community members

<table>
<thead>
<tr>
<th>Login</th>
<th>Full Name</th>
<th>Interested in features</th>
<th>LastModif</th>
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<tbody>
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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 results. It shouldn't be.

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...)