

[REVIEW] database->explain

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phpDocumentor

database->explain

This is a diagnostic function that performs an SQL EXPLAIN on the current SQL query string. The result is returned in an HTML table.

Syntax

string explain ()Examples

Example:

```
$query = "SELECT id"
. "\n FROM #__menu"
. "\n WHERE menutype='mainmenu'"
. "\n AND published='1'"
. "\n ORDER BY parent, ordering";
```

```
$database->setQuery( $query );
echo $database->explain ( );
```

might output:

```
<div style="background-color:#FFFCC" align="left">
<table cellspacing="1" cellpadding="2" border="0" bgcolor="#000000" align="center">
<pre>EXPLAIN SELECT id
FROM mos_menu
WHERE menutype='mainmenu'
AND published='1'
ORDER BY parent, ordering</pre>
<tr>
<th bgcolor="#ffffff">table</th><th bgcolor="#ffffff">type</th>
<th bgcolor="#ffffff">possible_keys</th>
<th bgcolor="#ffffff">key</th>
<th bgcolor="#ffffff">key_len</th>
<th bgcolor="#ffffff">ref</th>
<th bgcolor="#ffffff">rows</th>
<th bgcolor="#ffffff">Extra</th>
</tr>
<tr>
<td bgcolor="#ffffff">mos_menu</td>
<td bgcolor="#ffffff">ref</td>
<td bgcolor="#ffffff">menutype</td>
<td bgcolor="#ffffff">menutype</td>
<td bgcolor="#ffffff">26</td>
<td bgcolor="#ffffff">const</td>
<td bgcolor="#ffffff">13</td>
<td bgcolor="#ffffff">where used; Using filesort</td>
</tr>
</table>
<br /></div>
```

which renders as:

EXPLAIN SELECT id

```
FROM mos_menu
WHERE menutype='mainmenu'
AND published='1'
ORDER BY parent,
orderingtabletypepossible_keyskeykey_lenrefrowsExtramos_menurefmenutypemenutype26const13where used; Using
file sort
```

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