



链滴

Java数据类型和MySQL数据类型对应表

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原文链接: <https://ld246.com/article/1449452404205>

来源网站: [链滴](#)

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<div id="cnblogs_post_body"> <span class="bold">java mysql 数据类型对照</span><br /><br />
<div id="message105929" class="t_msgfont">
<table class="t_table" width="98%" cellpadding="0" align="center">
<tbody>
<tr>
<td><strong>类型名称</strong></td>
<td><strong>显示长度</strong></td>
<td><strong>数据库类型</strong></td>
<td><strong>JAVA类型</strong></td>
<td><strong>JDBC类型索引(int)</strong></td>
<td><strong>描述</strong></td>
</tr>
<tr>
<td>&nbsp;</td>
<td>&nbsp;</td>
<td>&nbsp;</td>
<td>&nbsp;</td>
<td>&nbsp;</td>
<td>&nbsp;</td>
</tr>
<tr>
<td><strong>VARCHAR</strong></td>
<td><strong>L+N</strong></td>
<td><strong>VARCHAR</strong></td>
<td><strong>java.lang.String</strong></td>
<td><strong>12</strong></td>
<td>&nbsp;</td>
</tr>
<tr>
<td><strong>CHAR</strong></td>
<td><strong>N</strong></td>
<td><strong>CHAR</strong></td>
<td><strong>java.lang.String</strong></td>
<td><strong>1</strong></td>
<td>&nbsp;</td>
</tr>
<tr>
<td><strong>BLOB</strong></td>
<td><strong>L+N</strong></td>
<td><strong>BLOB</strong></td>
<td><strong>java.lang.byte[]</strong></td>
<td><strong>-4</strong></td>
<td>&nbsp;</td>
</tr>
<tr>
<td><strong>TEXT</strong></td>
<td><strong>65535</strong></td>
<td><strong>VARCHAR</strong></td>
<td><strong>java.lang.String</strong></td>
<td><strong>-1</strong></td>
<td>&nbsp;</td>
</tr>
<tr>

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<td>&nbsp;</td>
<td>&nbsp;</td>
<td>&nbsp;</td>
<td>&nbsp;</td>
<td>&nbsp;</td>
<td>&nbsp;</td>
<td>&nbsp;</td>
</tr>
<tr>
<td><strong>INTEGER</strong></td>
<td><strong>4</strong></td>
<td><strong>INTEGER UNSIGNED</strong></td>
<td><strong>java.lang.Long</strong></td>
<td><strong>4</strong></td>
<td>&nbsp;</td>
</tr>
<tr>
<td><strong>TINYINT</strong></td>
<td><strong>3</strong></td>
<td><strong>TINYINT UNSIGNED</strong></td>
<td><strong>java.lang.Integer</strong></td>
<td><strong>-6</strong></td>
<td>&nbsp;</td>
</tr>
<tr>
<td><strong>SMALLINT</strong></td>
<td><strong>5</strong></td>
<td><strong>SMALLINT UNSIGNED</strong></td>
<td><strong>java.lang.Integer</strong></td>
<td><strong>5</strong></td>
<td>&nbsp;</td>
</tr>
<tr>
<td><strong>MEDIUMINT</strong></td>
<td><strong>8</strong></td>
<td><strong>MEDIUMINT UNSIGNED</strong></td>
<td><strong>java.lang.Integer</strong></td>
<td><strong>4</strong></td>
<td>&nbsp;</td>
</tr>
<tr>
<td><strong>BIT</strong></td>
<td><strong>1</strong></td>
<td><strong>BIT</strong></td>
<td><strong>java.lang.Boolean</strong></td>
<td><strong>-7</strong></td>
<td>&nbsp;</td>
</tr>
<tr>
<td><strong>BIGINT</strong></td>
<td><strong>20</strong></td>
<td><strong>BIGINT UNSIGNED</strong></td>
<td><strong>java.math.BigInteger</strong></td>
<td><strong>-5</strong></td>
<td>&nbsp;</td>

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</tr>
<tr>
<td><strong>FLOAT</strong></td>
<td><strong>4+8</strong></td>
<td><strong>FLOAT</strong></td>
<td><strong>java.lang.Float</strong></td>
<td><strong>7</strong></td>
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<tr>
<td><strong>DOUBLE</strong></td>
<td><strong>22</strong></td>
<td><strong>DOUBLE</strong></td>
<td><strong>java.lang.Double</strong></td>
<td><strong>8</strong></td>
<td>&nbsp;</td>
</tr>
<tr>
<td><strong>DECIMAL</strong></td>
<td><strong>11</strong></td>
<td><strong>DECIMAL</strong></td>
<td><strong>java.math.BigDecimal</strong></td>
<td><strong>3</strong></td>
<td>&nbsp;</td>
</tr>
<tr>
<td><strong>BOOLEAN</strong></td>
<td><strong>1</strong></td>
<td><strong>同TINYINT</strong></td>
<td>&nbsp;</td>
<td>&nbsp;</td>
<td>&nbsp;</td>
</tr>
<tr>
<td>&nbsp;</td>
<td>&nbsp;</td>
<td>&nbsp;</td>
<td>&nbsp;</td>
<td>&nbsp;</td>
<td>&nbsp;</td>
</tr>
<tr>
<td><strong>ID</strong></td>
<td><strong>11</strong></td>
<td><strong>PK (INTEGER UNSIGNED)</strong></td>
<td><strong>java.lang.Long</strong></td>
<td><strong>4</strong></td>
<td>&nbsp;</td>
</tr>
<tr>
<td>&nbsp;</td>
<td>&nbsp;</td>
<td>&nbsp;</td>
<td>&nbsp;</td>

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DATE	
10	
DATE	
java.sql.Date	
91	
 	
TIME	
8	
TIME	
java.sql.Time	
92	
 	
DATETIME	
19	
DATETIME	
java.sql.Timestamp	
93	
 	
TIMESTAMP	
19	
TIMESTAMP	
java.sql.Timestamp	
93	
 	
YEAR	
4	
YEAR	
java.sql.Date	
91	

对于bolb，一般用于对图片的数据库存储，原理是把图片打成进制，然后进行的一种存储方式，在java中对应byte [] 数组。

对于boolean类型，在mysql数据库中，个人认为用int类型代替较好，对bit操不是很方便，尤其是在具有web页面开发的项目中，表示0/1，对应java类型的Integer较好。