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AJAX Database

AJAX can be used for interactive communication with a database. The following example will demonstrate how a web page can fetch information from a database with AJAX:

Select a book: ▼

Book information will be listed here...

The MySQL Database

The database table creation and population are given as follows:

```
01 create table bookList (  
02     ISBN      char(16) primary key,  
03     title      varchar(64) not null,  
04     authors    varchar(64),  
05     price      real,  
06     quantity   integer );  
07  
08 insert into bookList values (  
09     0596005601, 'Learning PHP 5', 'David Sklar', 19.77, 32 );  
10 insert into bookList values (  
11     0596003064, 'High Performance MySQL', 'Jeremy D. Zawodny', 26.37, 221 );  
12 ...
```

The HTML Form

This AJAX contains an HTML form and a link to a JavaScript file. When a user selects a book in the dropdown list above, a function called [showBook](#) is executed. The function is triggered by the [onChange](#) event:

```
01 <html>  
02 <head><script src="showBook.js"></script></head>  
03 <body><form action="">  
04     <select name="books" onChange="showBook(this.value)">  
05         <option value="">Select a book:</option>  
06         <option value="0596528388">AJAX</option>  
07         <option value="1118008189">HTML</option>  
08     ...
```

```
09     </select></form>
10     <div id="txtHint">Book information will be listed here...</div>
11 </body>
12 </html>
```

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