

HTML Forms

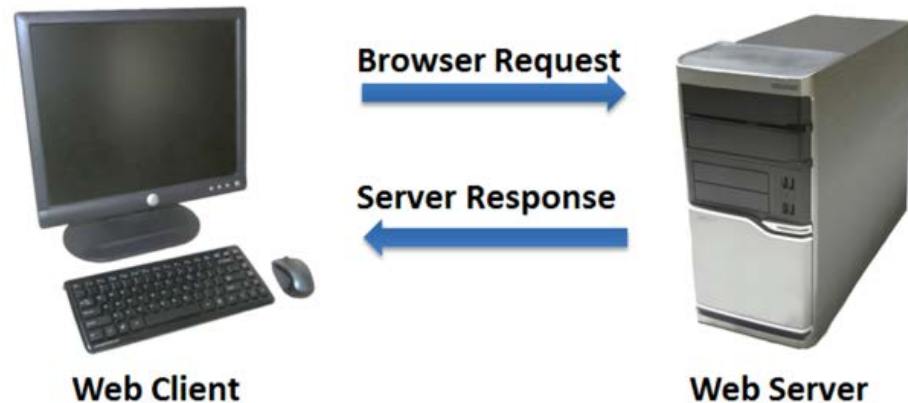
Two Parts of Forms

1. HTML form:
 - The user interface (client-side)
2. Server-side processing:
 - The action (server-side)
 - send e-mail
 - write data to a text file
 - update a database
 - performs some other type of processing on the server

Server-Side Scripting

- One of many technologies in which a server-side script is embedded within a Web page document saved with a file extension such as:

- .php (PHP)
- .asp (Active Server Pages)
- .cfm (Adobe ColdFusion)
- .jsp (Sun JavaServer Pages)
- .aspx (ASP.Net).



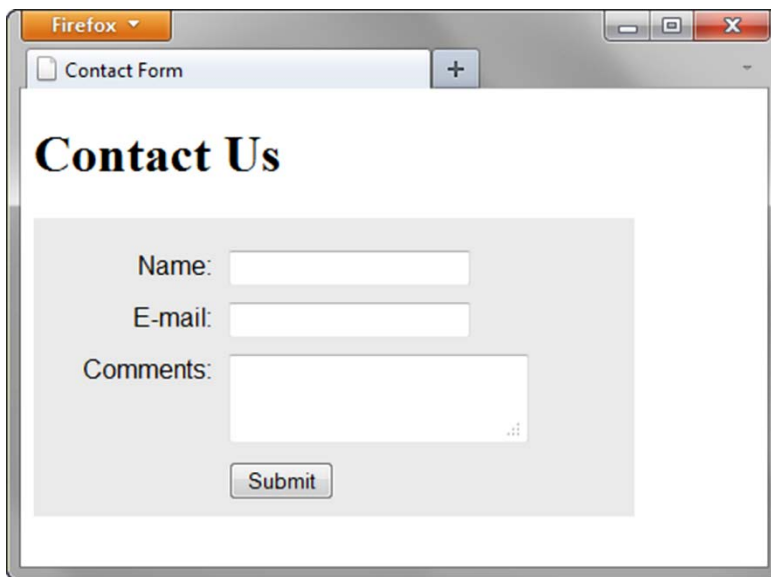
- Uses direct execution — the script is run either by the web server itself or by an extension module to the web server.

Server-Side Scripting Technologies

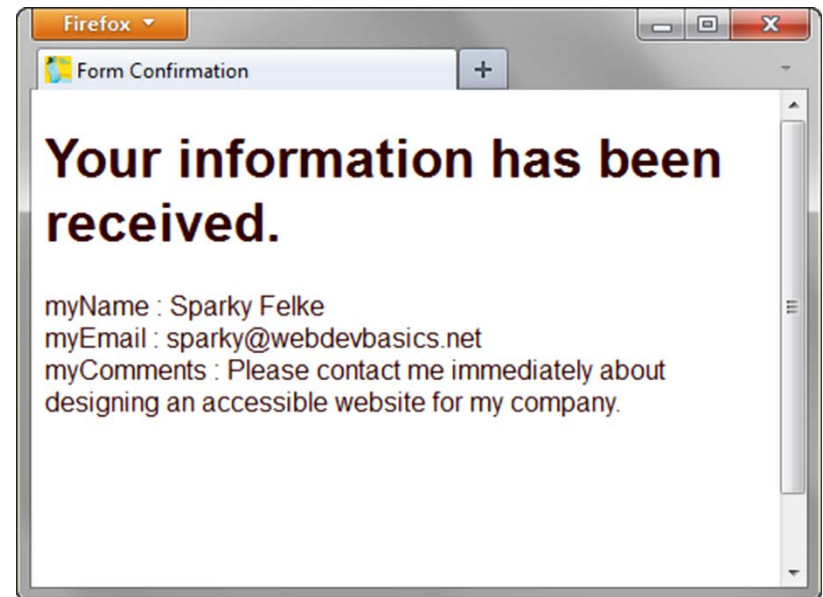
- JavaServer Pages
<http://www.oracle.com/technetwork/java/javaee/jsp>
- ColdFusion
<http://www.adobe.com/products/coldfusion>
- PHP
<http://www.php.net>
- Ruby on Rails
<http://www.rubyonrails.org>
- Microsoft's .NET Framework
<http://www.microsoft.com/net>
- Microsoft Active Server Pages
<http://msdn.microsoft.com/en-us/library/ms972337.aspx>

Sending information to a Server-side Script

```
<form method="post" action="scripts/demo.php ">
```



A screenshot of a Firefox browser window titled 'Contact Form'. The page has a heading 'Contact Us' and a form with three input fields: 'Name:', 'E-mail:', and 'Comments:'. Below the fields is a 'Submit' button.



A screenshot of a Firefox browser window titled 'Form Confirmation'. The page displays the message 'Your information has been received.' followed by the submitted data: 'myName : Sparky Felke', 'myEmail : sparky@webdevbasics.net', and 'myComments : Please contact me immediately about designing an accessible website for my company.'

Sources of Free Server-Side Processing

- Many web host providers offer free scripts for their clients. Contact their support area or FAQ to learn more about their services.
- Some web sites that offer FREE remotely hosted scripts (in return for displaying an ad).
 - <http://formbuddy.com>
 - <http://response-o-matic.com>
 - <http://master.com>
 - <http://www.formmail.com>
 - <http://wufoo.com>
 - <http://formassembly.com>