Jerry M. Vargas

INT­­­ERACTIVE PROGRAMMING AND TECHNOLOGIES 1

IT263

Define and Differentiate PHP, ASP.NET, JSP and CFML

* Availability. The open-source tools are PHP and JSP; ASP - a commercial one, and CFML - available as commercial, as well as free versions.
* The web servers support. PHP and CFML - the built-in one, JSP uses additional libraries, and ASP - framework.NET.
* MySQL maintenance. PHP and the last CFML version - native; ASP and JSP - the third-party driver is required.
* Integration with HTML. It takes place with no trouble for PHP and CFML, for ASP and JSP - a rather complex process.
* Web hosting. Almost all servers support PHP. The dedicated server is necessary for CFML and ASP. And JSP is fairly maintained by the servers.

**Table:**

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| --- | --- | --- | --- | --- |
| Feature | PHP | ASP | JSP | CFML |
| Learning curve | short | Longer than PHP | Longer than PHP | Longer than PHP |
| Web hosting | Supported by almost all hosting servers | Needs dedicated server | Fairly supported | Needs dedicated server |
| Open source | Yes | No | Yes | Both commercial and open source |
| Web services support | Built in | Uses the .NET framework | Uses add on libraries | Built in |
| Integration with HTML | Easy | Fairly complex | Fairly complex | Easy |
| MySQL support | Native | Needs third party drivers | Needs third party drivers | Current version has native support. Older versions use ODBC |
| Easily extended by other languages | Yes | No | Extended using Java classes and libraries. | Yes |