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Web Development

Skill overview

— Web Development
  Overview

  Objectives: Web   ⊘
  Development Overview

  What are web   ⊘
  applications?

— Web Applications Concepts

  Objectives: Web   ⊘
  Applications Concepts

  Web application   ⊘
  architecture

  What are the different   ⊘
  types of web
  applications?

What tools are available?

Many tools are available for building HTML files and CSS files and for client and server-side programming. These tools range from free to expensive; from open source to proprietary.

Text Editors

Because HTML files, CSS files, and JavaScript files are plain-text files, the most basic tools that you can use for building a web application are a simple text editor, a web application server, and a web browser. All of these tools are available at no cost.

Some of the best-known text editors are Notepad, Notepad++, Atom, Ultra Edit, and

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"WYSIWYG" Editors

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formatting, and validation. Some tools offer "what you see is what you get" (WYSIWYG) editing, which is useful for designing HTML and CSS files because you can see how the files will look when rendered in a browser without having to deploy the files to a web application server.

Some of the most well-known HTML editors are Adobe Dreamweaver, Microsoft Expression Web, Microsoft FrontPage, Sublime Text, Brackets, and Coffee Cup.

IDEs

Beyond simple editors are integrated development environments (IDEs), which include features that are found in many advanced text editors plus features, such as the ability to interact with your web application server and database and to deploy and debug the code in applications.

Some of the best-known IDEs are Eclipse, NetBeans, and Visual Studio.

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