CS320 Web and Internet Programming  
Introduction to Server-side Programming  
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**Web**

```
HTTP Server

|htdocs|
|welcome.html|
|cs320stu31|
|index.html|
```

HTTP request

HTTP response

Browser

**URL**

```
http://cs.calstatela.edu:8080/cs320stu31/index.html
```

**Dynamic Content**

- Web search results
- Shopping cart
- ...
- Anything that need to be generated *on the fly* based on user request

**Deliver Dynamic Content**

```
HTTP Server

input

program

output

Browser
```

**Technology**

- CGI
  - C, Perl
- Java
  - Servlet/JSP
- ASP.NET
  - VB, C#
- PHP
- Ruby

old

mainstream

new
Terminology

- Application server
  - Servlet container
- Server-side programming vs. Client-side programming