

<!DOCTYPE>

# HTML Structure

<HTML>

<HEAD>

</HEAD>

<BODY>

Where the magic happens

</BODY>

</HTML>

# <!DOCTYPE>

The <!DOCTYPE> declaration is not an HTML tag.

It is an instruction to the web browser about what version of HTML the page is written in.

HTML4 ----- HTML5

# HTML4 vs HTML5

## HTML4.01 is based on SGML

**SGML** (Standard Generalized Markup Language) is a standard for how to specify a document **markup language** or tag set. Such a specification is itself a document type definition (DTD). **SGML** is not in itself a document language, but a description of how to specify one. It is metadata.

**The DTD specifies the rules for the markup language, so that the browsers render the content correctly.**

**HTML5 is not based on SGML, and therefore does not require a reference to a DTD.**

# HTML 4.01

There are three different `<!DOCTYPE>` declarations in HTML 4.01.

## HTML 4.01 Strict

This DTD contains all HTML elements and attributes, but does NOT INCLUDE presentational or deprecated elements (like font). Framesets are not allowed.

```
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01//EN" "http://www.w3.org/TR/html4/strict.dtd">
```

## HTML 4.01 Transitional

This DTD contains all HTML elements and attributes, INCLUDING presentational and deprecated elements (like font). Framesets are not allowed.

```
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01//EN" "http://www.w3.org/TR/html4/loose.dtd">
```

## HTML 4.01 Frameset

This DTD contains all HTML elements and attributes, but does NOT INCLUDE presentational or deprecated elements (like font). Framesets are not allowed.

```
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01//EN" "http://www.w3.org/TR/html4/frameset.dtd">
```

# HTML5

## HTML 5

```
<!DOCTYPE html>
```

# XHTML

- Used for XML files

- **XHTML 1.0 STRICT**

- `<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">`

- **XHTML 1.0 Transitional**

- `<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">`

- **XHTML 1.0 Frameset**

- `<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Frameset//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-frameset.dtd">`

- **XHTML 1.1**

- `<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.1//EN" "http://www.w3.org/TR/xhtml11/DTD/xhtml11.dtd">`

# So, Where does it go.

```
<!DOCTYPE html>
```

```
<HTML>
```

```
  <head>
```

```
  </head>
```

```
  <body>
```

```
  </body>
```

```
</ HTML>
```