

**XHTML**

**Harsha Vardhan**

**(10+ years experienced Web  
Technologies expert)**

## Introduction to XHTML

- Many real web sites contain bad html.
- To avoid this, W3C releases a "strict version" of HTML; that is called XHTML.
- XHTML contains same tags as HTML; but forces the developer to write strict, cleaner, standards-based html code.
- XHTML is recommended by W3C.
- XHTML is supported by all the browsers.
- In real time, many project managers prefer XHTML.

## DOCTYPE for XHTML

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

## Rules of XHTML

1. <!DOCTYPE> is must.  

```
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">
```
2. <html>, <head>, <body>, <title> tags are must.
3. A <meta> tag with content-type is mandatory.  

```
<meta http-equiv="Content-type" content="text/html; charset=UTF-8">
```
4. xmlns (xml namespace) attribute is must in <html> tag.  

```
<html xmlns="http://www.w3.org/1999/xhtml">
```
5. Case sensitive (code should be in lower case only).
6. Attribute's values should be in double quotes.
7. All paired tags must be closed.

8. All unpaired tags must be end with /.
9. Inner-most tag should be closed first.
10. Attribute minification not allowed.

## Example of XHTML

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

```
<html xmlns="http://www.w3.org/1999/xhtml">
```

```
  <head>
```

```
    <title>this is title</title>
```

```
    <meta http-equiv="Content-type" content="text/html; charset=UTF-8" />
```

```
  </head>
```

```
  <body>
```

```
    <h1>hai</h1>
```

```
    <p>
```

```
      <input type="text" />
```

```
      <b> <i>this is bold and italic</i> </b>
```

```
      <input type="checkbox" checked="checked" />
```

```
    </p>
```

```
    <hr />
```

```
  </body>
```

```
</html>
```