Syntax, doctype, metadata, tags, attributes etc

The <!DOCTYPE> declaration must be the very first thing in your HTML document, before the <html> tag.

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.

By Category

The Root Element

* [html](http://htmldog.com/references/html/tags/html/)

Metadata

* [head](http://htmldog.com/references/html/tags/head/)
* [title](http://htmldog.com/references/html/tags/title/)
* [base](http://htmldog.com/references/html/tags/base/)
* [link](http://htmldog.com/references/html/tags/link/)
* [meta](http://htmldog.com/references/html/tags/meta/)
* [style](http://htmldog.com/references/html/tags/style/)

Sections

* [body](http://htmldog.com/references/html/tags/body/)
* [article](http://htmldog.com/references/html/tags/article/)
* [section](http://htmldog.com/references/html/tags/section/)
* [nav](http://htmldog.com/references/html/tags/nav/)
* [aside](http://htmldog.com/references/html/tags/aside/)
* [h1 - h6](http://htmldog.com/references/html/tags/h1h2h3h4h5h6/)
* [header](http://htmldog.com/references/html/tags/header/)
* [footer](http://htmldog.com/references/html/tags/footer/)
* [address](http://htmldog.com/references/html/tags/address/)

Grouping

* [p](http://htmldog.com/references/html/tags/p/)

* [pre](http://htmldog.com/references/html/tags/pre/)
* [blockquote](http://htmldog.com/references/html/tags/blockquote/)
* [ol](http://htmldog.com/references/html/tags/ol/)
* [ul](http://htmldog.com/references/html/tags/ul/)
* [li](http://htmldog.com/references/html/tags/li/)
* [dl](http://htmldog.com/references/html/tags/dl/)
* [dt](http://htmldog.com/references/html/tags/dt/)
* [dd](http://htmldog.com/references/html/tags/dd/)
* [figure](http://htmldog.com/references/html/tags/figure/)
* [figcaption](http://htmldog.com/references/html/tags/figcaption/)
* [div](http://htmldog.com/references/html/tags/div/)
* [main](http://htmldog.com/references/html/tags/main/)
* [hr](http://htmldog.com/references/html/tags/hr/)

Text

* [a](http://htmldog.com/references/html/tags/a/)
* [em](http://htmldog.com/references/html/tags/em/)
* [strong](http://htmldog.com/references/html/tags/strong/)
* [cite](http://htmldog.com/references/html/tags/cite/)
* [q](http://htmldog.com/references/html/tags/q/)
* [dfn](http://htmldog.com/references/html/tags/dfn/)
* [abbr](http://htmldog.com/references/html/tags/abbr/)
* [data](http://htmldog.com/references/html/tags/data/)
* [time](http://htmldog.com/references/html/tags/time/)
* [code](http://htmldog.com/references/html/tags/code/)
* [var](http://htmldog.com/references/html/tags/var/)
* [samp](http://htmldog.com/references/html/tags/samp/)
* [kbd](http://htmldog.com/references/html/tags/kbd/)
* [mark](http://htmldog.com/references/html/tags/mark/)
* [ruby](http://htmldog.com/references/html/tags/ruby/)
* [rb](http://htmldog.com/references/html/tags/rb/)
* [rt](http://htmldog.com/references/html/tags/rt/)
* [rp](http://htmldog.com/references/html/tags/rp/)
* [rtc](http://htmldog.com/references/html/tags/rtc/)
* [bdi](http://htmldog.com/references/html/tags/bdi/)
* [bdo](http://htmldog.com/references/html/tags/bdo/)
* [span](http://htmldog.com/references/html/tags/span/)
* [br](http://htmldog.com/references/html/tags/br/)
* [wbr](http://htmldog.com/references/html/tags/wbr/)

* [small](http://htmldog.com/references/html/tags/small/)
* [i](http://htmldog.com/references/html/tags/i/)
* [b](http://htmldog.com/references/html/tags/b/)
* [u](http://htmldog.com/references/html/tags/u/)
* [s](http://htmldog.com/references/html/tags/s/)
* [sub](http://htmldog.com/references/html/tags/sub/)
* [sup](http://htmldog.com/references/html/tags/sup/)

Edits

* [ins](http://htmldog.com/references/html/tags/ins/)
* [del](http://htmldog.com/references/html/tags/del/)

Embedded Content

* [img](http://htmldog.com/references/html/tags/img/)
* [embed](http://htmldog.com/references/html/tags/embed/)
* [object](http://htmldog.com/references/html/tags/object/)
* [param](http://htmldog.com/references/html/tags/param/)
* [video](http://htmldog.com/references/html/tags/video/)
* [audio](http://htmldog.com/references/html/tags/audio/)
* [source](http://htmldog.com/references/html/tags/source/)
* [track](http://htmldog.com/references/html/tags/track/)
* [map](http://htmldog.com/references/html/tags/map/)
* [area](http://htmldog.com/references/html/tags/area/)
* [iframe](http://htmldog.com/references/html/tags/iframe/)

Tables

* [table](http://htmldog.com/references/html/tags/table/)
* [tr](http://htmldog.com/references/html/tags/tr/)
* [td](http://htmldog.com/references/html/tags/td/)
* [th](http://htmldog.com/references/html/tags/th/)
* [caption](http://htmldog.com/references/html/tags/caption/)
* [tbody](http://htmldog.com/references/html/tags/tbody/)
* [thead](http://htmldog.com/references/html/tags/thead/)
* [tfoot](http://htmldog.com/references/html/tags/tfoot/)
* [colgroup](http://htmldog.com/references/html/tags/colgroup/)
* [col](http://htmldog.com/references/html/tags/col/)

Forms

* [form](http://htmldog.com/references/html/tags/form/)
* [input](http://htmldog.com/references/html/tags/input/)
* [textarea](http://htmldog.com/references/html/tags/textarea/)
* [select](http://htmldog.com/references/html/tags/select/)
* [option](http://htmldog.com/references/html/tags/option/)
* [optgroup](http://htmldog.com/references/html/tags/optgroup/)
* [datalist](http://htmldog.com/references/html/tags/datalist/)
* [label](http://htmldog.com/references/html/tags/label/)
* [fieldset](http://htmldog.com/references/html/tags/fieldset/)
* [legend](http://htmldog.com/references/html/tags/legend/)
* [button](http://htmldog.com/references/html/tags/button/)
* [output](http://htmldog.com/references/html/tags/output/)
* [progress](http://htmldog.com/references/html/tags/progress/)
* [meter](http://htmldog.com/references/html/tags/meter/)
* [keygen](http://htmldog.com/references/html/tags/keygen/)

Scripting

* [script](http://htmldog.com/references/html/tags/script/)
* [noscript](http://htmldog.com/references/html/tags/noscript/)
* [template](http://htmldog.com/references/html/tags/template/)
* [canvas](http://htmldog.com/references/html/tags/canvas/)

The **HTML <meta> element**represents any metadata information that cannot be represented by one of the other HTML meta-related elements ([<base>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/base), [<link>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/link), [<script>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/script), [<style>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/style) or [<title>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/title)).

Depending on the attributes set, the kind of metadata can be one of the following:

* If [name](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/meta#attr-name) is set, it is *document-level* *metadata*, applying to the whole page.
* If [http-equiv](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/meta#attr-http-equiv) is set, it is a *pragma directive*, i.e. information normally given by the web server about how the web page should be served.
* If [charset](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/meta#attr-charset) is set, it is a *charset declaration*, i.e. the charset used for the serialized form of the webpage.
* If [itemprop](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/meta#attr-itemprop) is set, it is *user-defined metadata*, transparent for the user-agent as the semantics of the metadata is user-specific.

**<meta http-equiv="expires" content="Sun, 24 jan 2010 12:28:36 GMT+03:00"> -** Для того чтобы принудительно заставить браузер загружать ту или иную страницу не с жёсткого диска, а с сервера необходим мета тег с данным синтаксисом,

**<meta name ="revisit-after" Content="15 days">**

Если некая страница на Вашем сайте подразумевает постоянное обновление и/или дополнение информационным содержанием, то хорошо было бы включить данное описание в заголовок данной страницы. Такое введение позволит программе роботу своевременно посещать Ваш сайт и индексировать его содержание. В нашем примере мы заявили о том, что собираемся обновлять содержание на странице не менее одного раза в 15 дней, можете не сомневаться программа робот возьмет Ваши планы себе на заметку и будет приходить "к Вам в гости" раз в пятнадцать дней, для того чтобы проверить ничего ли у Вас не изменилось..

**<meta name="description" Content="Производим закупку по выгодным ценам рогов и копыт!">**

**Description** - краткое описание страницы. Данное описание частенько используется поисковыми системами для вывода в результатах поиска, по какому либо запросу, информации о сайте и его назначении.

Пример:

**<meta name="keywords" Content ="рога, копыта, рожки, рог, копыто, копытце, закупка, покупка, приобретение, выгодно, продать, купить, сбыть, реализовать, корова, бык, коровьи, бычьи, оплата, деньги, наличные, цена, цене">**

**Keywords** - ключевые слова веб-страницы, опять таки предназначены для поисковых машин.

**<meta name="author" Content="Остап Бендер">**  
**<meta name="copyright" Content=""Рога и копыта" Остап Бендер">**

Данные метаописатели предназначены для заявления об авторских правах непосредственно в заголовке html кода, так **name="author"** указывает имя автора страницы, а **name="copyright"** авторское право (копирайт) в котором может указываться фамилия, имя, отчество автора сайта, название фирмы, бренда.. и т. д. Кроме того включив в заголовок документа такое описание Вы значительно упростите задачу поисковой машине при поиске Вашего сайта по имени автора, названию фирмы, бренду...

Пример:

**<meta name ="Generator" Content="Microsoft Notepad"> -** Если хотите можете указать с помощью какого html редактора была написана данная страница.

То есть писать в голове документа вот так:

**<meta http-equiv="Content-Type" content="text/html; charset=utf-8">**

Пример:

**<meta http-equiv="Content-Language" Content="ru">**

В этой строчке говорится о том что язык **Language** документа является русским **Content="ru"**