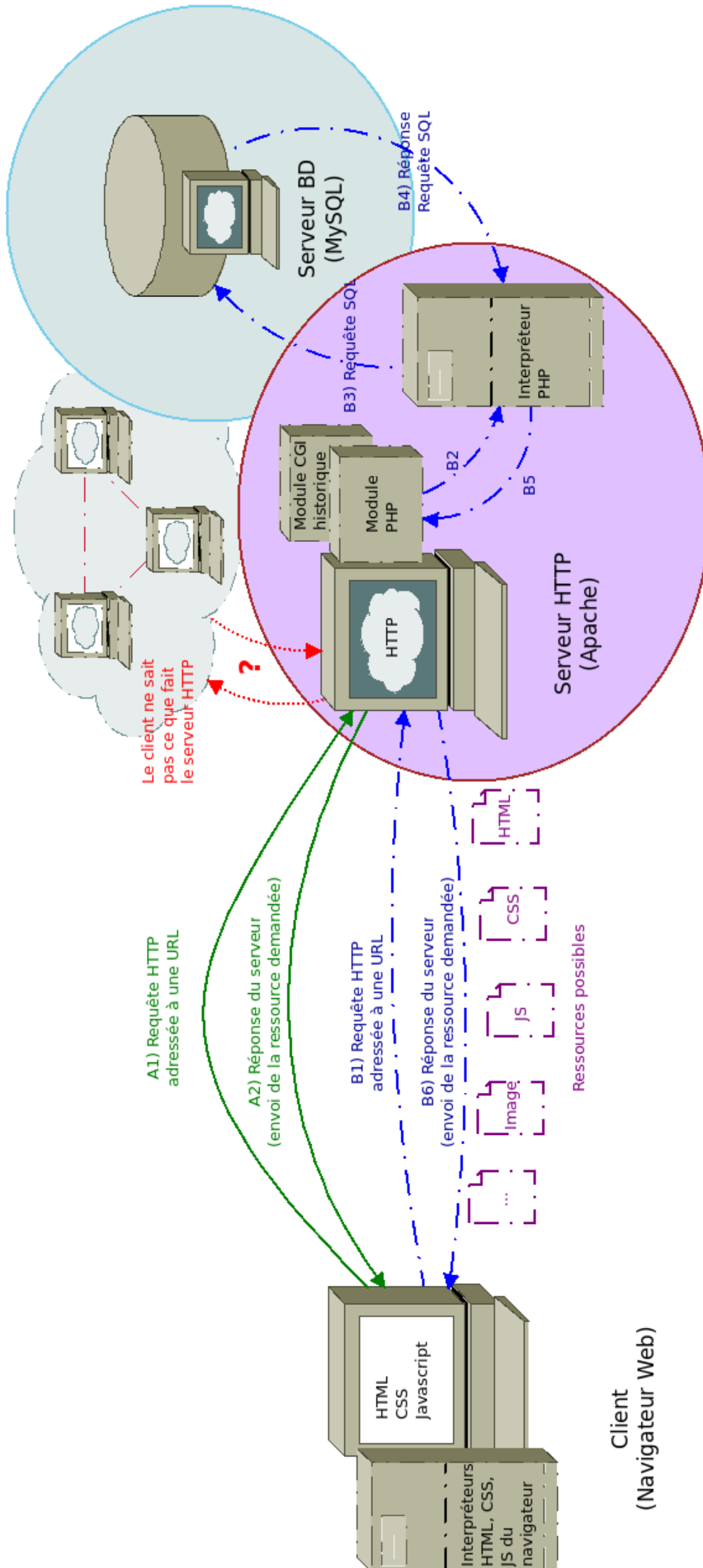


# Guide de Survie TLI

## Schéma récapitulatif des différentes technologies vues pendant le module

A : requête HTTP simple pour un document HTML  
 B : requête HTTP pour une ressource en PHP nécessitant la consultation d'une base de donnée (c'est ce qui se passe par exemple avec le logiciel PHP MyAdmin)





# SQL Quick Reference (d'après W3Schools)

SQL Statement	Syntaxe/Exemples
AND / OR	SELECT column_name(s) FROM table_name WHERE condition AND OR condition
ALTER TABLE	ALTER TABLE table_name ADD column_name datatype
ALTER TABLE	ALTER TABLE table_name DROP COLUMN column_name
AS (alias)	SELECT column_name AS column_alias FROM table_name
AS (alias)	SELECT column_name FROM table_name AS table_alias
BETWEEN	SELECT column_name(s) FROM table_name WHERE column_name BETWEEN value1 AND value2
CREATE DATABASE	CREATE DATABASE database_name
CREATE TABLE	CREATE TABLE table_name ( column_name1 data_type, column_name2 data_type, column_name3 data_type, ... )
CREATE INDEX	CREATE INDEX index_name ON table_name (column_name)
CREATE INDEX	CREATE UNIQUE INDEX index_name ON table_name (column_name)
CREATE VIEW	CREATE VIEW view_name AS SELECT column_name(s) FROM table_name WHERE condition
DELETE	DELETE FROM table_name WHERE some_column=some_value
DELETE	DELETE FROM table_name ( <b>Note:</b> Deletes the entire table!!)
DELETE	DELETE * FROM table_name ( <b>Note:</b> Deletes the entire table!!)
DROP DATABASE	DROP DATABASE database_name

DROP INDEX table\_name.index\_name (SQL Server)  
 DROP INDEX index\_name ON table\_name (MS Access)  
 DROP INDEX index\_name (DB2/Oracle)  
 ALTER TABLE table\_name  
 DROP INDEX index\_name (MySQL)

DROP TABLE table\_name

GROUP BY  
 SELECT column\_name, aggregate\_function(column\_name)  
 FROM table\_name  
 WHERE column\_name operator value  
 GROUP BY column\_name

HAVING  
 SELECT column\_name, aggregate\_function(column\_name)  
 FROM table\_name  
 WHERE column\_name operator value  
 GROUP BY column\_name  
 HAVING aggregate\_function(column\_name) operator value

IN  
 SELECT column\_name(s)  
 FROM table\_name  
 WHERE column\_name  
 IN (value1,value2,..)  
 INSERT INTO table\_name  
 VALUES (value1, value2, value3,....)

INSERT INTO  
 INSERT INTO table\_name  
 (column1, column2, column3,...)  
 VALUES (value1, value2, value3,....)

INNER JOIN ou JOIN  
 SELECT column\_name(s)  
 FROM table\_name1  
 INNER JOIN table\_name2  
 ON table\_name1.column\_name=table\_name2.column\_name

LIKE  
 SELECT column\_name(s)  
 FROM table\_name  
 WHERE column\_name LIKE pattern

ORDER BY  
 SELECT column\_name(s)  
 FROM table\_name  
 ORDER BY column\_name [ASC|DESC]

SELECT  
 SELECT [DISTINCT] column\_name(s) ou \*  
 FROM table\_name

UNION  
 SELECT column\_name(s) FROM table\_name1  
 UNION [ALL]  
 SELECT column\_name(s) FROM table\_name2

UPDATE  
 UPDATE table\_name  
 SET column1=value, column2=value,...  
 WHERE some\_column=some\_value

WHERE  
 SELECT column\_name(s)  
 FROM table\_name  
 WHERE column\_name operator value

Source : [http://www.w3schools.com/sql/sql\\_quickref.asp](http://www.w3schools.com/sql/sql_quickref.asp)

Adapté par B.Mascret

# HTML Tags Ordered by Category

## Entête/ Meta Info

Tag	Description
<a href="#"><u>&lt;!DOCTYPE&gt;</u></a>	Defines the document type
<a href="#"><u>&lt;html&gt;</u></a>	Defines an HTML document
<a href="#"><u>&lt;head&gt;</u></a>	Defines information about the document
<a href="#"><u>&lt;title&gt;</u></a>	Defines a title for the document
<a href="#"><u>&lt;meta&gt;</u></a>	Defines metadata about an HTML document
<a href="#"><u>&lt;link&gt;</u></a>	Defines the relationship between a document and an external resource
<a href="#"><u>&lt;base&gt;</u></a>	Specifies the base URL/target for all relative URLs in a document
<a href="#"><u>&lt;style&gt;</u></a>	Defines style information for a document
<a href="#"><u>&lt;!--...--&gt;</u></a>	Defines a comment
<a href="#"><u>&lt;body&gt;</u></a>	Defines the document's body

## Structure/ Sémantique de structure (blocs principaux)

Tag	Description
<a href="#"><u>&lt;h1&gt; to &lt;h6&gt;</u></a>	Defines HTML headings
<a href="#"><u>&lt;a&gt;</u></a>	Defines a hyperlink
<a href="#"><u>&lt;nav&gt;</u></a>	Defines navigation links
<a href="#"><u>&lt;p&gt;</u></a>	Defines a paragraph
<a href="#"><u>&lt;br&gt;</u></a>	Inserts a single line break
<a href="#"><u>&lt;hr&gt;</u></a>	Defines a thematic change in the content
<a href="#"><u>&lt;div&gt;</u></a>	Defines a section in a document
<a href="#"><u>&lt;span&gt;</u></a>	Defines a section (inline or smaller than div) in a document
<a href="#"><u>&lt;header&gt;</u></a>	Defines a header for a document or section
<a href="#"><u>&lt;footer&gt;</u></a>	Defines a footer for a document or section
<a href="#"><u>&lt;main&gt;</u></a>	Specifies the main content of a document
<a href="#"><u>&lt;section&gt;</u></a>	Defines a section in a document
<a href="#"><u>&lt;article&gt;</u></a>	Defines an article
<a href="#"><u>&lt;aside&gt;</u></a>	Defines content aside from the page content
<a href="#"><u>&lt;details&gt;</u></a>	Defines additional details that the user can view or hide
<a href="#"><u>&lt;dialog&gt;</u></a>	Defines a dialog box or window
<a href="#"><u>&lt;summary&gt;</u></a>	Defines a visible heading for a <details> element

## Sémantique en ligne ou en « petits blocs »

Tag	Description
<a href="#"><u>&lt;acronym&gt;</u></a>	Not supported in HTML5. Use <abbr> instead. Defines an acronym
<a href="#"><u>&lt;abbr&gt;</u></a>	Defines an abbreviation or an acronym
<a href="#"><u>&lt;address&gt;</u></a>	Defines contact information for the author/owner of a document/article
<a href="#"><u>&lt;blockquote&gt;</u></a>	Defines a section that is quoted from another source
<a href="#"><u>&lt;cite&gt;</u></a>	Defines the title of a work
<a href="#"><u>&lt;code&gt;</u></a>	Defines a piece of computer code

<a href="#"><u>&lt;del&gt;</u></a>	Defines text that has been deleted from a document
<a href="#"><u>&lt;dfn&gt;</u></a>	Represents the defining instance of a term
<a href="#"><u>&lt;em&gt;</u></a>	Defines emphasized text
<a href="#"><u>&lt;i&gt;</u></a>	Defines a part of text in an alternate voice or mood
<a href="#"><u>&lt;ins&gt;</u></a>	Defines a text that has been inserted into a document
<a href="#"><u>&lt;kbd&gt;</u></a>	Defines keyboard input
<a href="#"><u>&lt;mark&gt;</u></a>	Defines marked/highlighted text
<a href="#"><u>&lt;meter&gt;</u></a>	Defines a scalar measurement within a known range (a gauge)
<a href="#"><u>&lt;pre&gt;</u></a>	Defines preformatted text
<a href="#"><u>&lt;progress&gt;</u></a>	Represents the progress of a task
<a href="#"><u>&lt;q&gt;</u></a>	Defines a short quotation
<a href="#"><u>&lt;s&gt;</u></a>	Defines text that is no longer correct
<a href="#"><u>&lt;samp&gt;</u></a>	Defines sample output from a computer program
<a href="#"><u>&lt;strong&gt;</u></a>	Defines important text
<a href="#"><u>&lt;sub&gt;</u></a>	Defines subscripted text
<a href="#"><u>&lt;sup&gt;</u></a>	Defines superscripted text

## Formulaire

<b>Tag</b>	<b>Description</b>
<a href="#"><u>&lt;form&gt;</u></a>	Defines an HTML form for user input
<a href="#"><u>&lt;input&gt;</u></a>	Defines an input control
<a href="#"><u>&lt;textarea&gt;</u></a>	Defines a multiline input control (text area)
<a href="#"><u>&lt;button&gt;</u></a>	Defines a clickable button
<a href="#"><u>&lt;select&gt;</u></a>	Defines a drop-down list
<a href="#"><u>&lt;optgroup&gt;</u></a>	Defines a group of related options in a drop-down list
<a href="#"><u>&lt;option&gt;</u></a>	Defines an option in a drop-down list
<a href="#"><u>&lt;label&gt;</u></a>	Defines a label for an <input> element
<a href="#"><u>&lt;fieldset&gt;</u></a>	Groups related elements in a form
<a href="#"><u>&lt;legend&gt;</u></a>	Defines a caption for a <fieldset> element
<a href="#"><u>&lt;datalist&gt;</u></a>	Specifies a list of pre-defined options for input controls
<a href="#"><u>&lt;keygen&gt;</u></a>	Defines a key-pair generator field (for forms)
<a href="#"><u>&lt;output&gt;</u></a>	Defines the result of a calculation

## Listes

<b>Tag</b>	<b>Description</b>
<a href="#"><u>&lt;ul&gt;</u></a>	Defines an unordered list
<a href="#"><u>&lt;ol&gt;</u></a>	Defines an ordered list
<a href="#"><u>&lt;li&gt;</u></a>	Defines a list item
<a href="#"><u>&lt;dl&gt;</u></a>	Defines a description list
<a href="#"><u>&lt;dt&gt;</u></a>	Defines a term/name in a description list
<a href="#"><u>&lt;dd&gt;</u></a>	Defines a description of a term/name in a description list
<a href="#"><u>&lt;menu&gt;</u></a>	Defines a list/menu of commands
<a href="#"><u>&lt;menuitem&gt;</u></a>	Defines a command/menu item that the user can invoke from a popup menu

## Images

Tag	Description
<a href="#"><u>&lt;img&gt;</u></a>	Defines an image
<a href="#"><u>&lt;map&gt;</u></a>	Defines a client-side image-map
<a href="#"><u>&lt;area&gt;</u></a>	Defines an area inside an image-map
<a href="#"><u>&lt;canvas&gt;</u></a>	Used to draw graphics, on the fly, via scripting (usually JavaScript)
<a href="#"><u>&lt;figcaption&gt;</u></a>	Defines a caption for a <figure> element
<a href="#"><u>&lt;figure&gt;</u></a>	Specifies self-contained content

## Audio / Video

Tag	Description
<a href="#"><u>&lt;audio&gt;</u></a>	Defines sound content
<a href="#"><u>&lt;source&gt;</u></a>	Defines multiple media resources for media elements (<video> and <audio>)
<a href="#"><u>&lt;track&gt;</u></a>	Defines text tracks for media elements (<video> and <audio>)
<a href="#"><u>&lt;video&gt;</u></a>	Defines a video or movie

## Tables

Tag	Description
<a href="#"><u>&lt;table&gt;</u></a>	Defines a table
<a href="#"><u>&lt;caption&gt;</u></a>	Defines a table caption
<a href="#"><u>&lt;th&gt;</u></a>	Defines a header cell in a table
<a href="#"><u>&lt;tr&gt;</u></a>	Defines a row in a table
<a href="#"><u>&lt;td&gt;</u></a>	Defines a cell in a table
<a href="#"><u>&lt;thead&gt;</u></a>	Groups the header content in a table
<a href="#"><u>&lt;tbody&gt;</u></a>	Groups the body content in a table
<a href="#"><u>&lt;tfoot&gt;</u></a>	Groups the footer content in a table
<a href="#"><u>&lt;col&gt;</u></a>	Specifies column properties for each column within a <colgroup> element
<a href="#"><u>&lt;colgroup&gt;</u></a>	Specifies a group of one or more columns in a table for formatting

## Programming

Tag	Description
<a href="#"><u>&lt;script&gt;</u></a>	Defines a client-side script
<a href="#"><u>&lt;noscript&gt;</u></a>	Defines an alternate content for users that do not support client-side scripts
<a href="#"><u>&lt;embed&gt;</u></a>	Defines a container for an external (non-HTML) application
<a href="#"><u>&lt;object&gt;</u></a>	Defines an embedded object
<a href="#"><u>&lt;param&gt;</u></a>	Defines a parameter for an object

Source : [http://www.w3schools.com/tags/ref\\_byfunc.asp](http://www.w3schools.com/tags/ref_byfunc.asp)

Adapté par B.Mascret

# Guide Rapide ARIA

## Principaux rôles ARIA

Role	Description	Required Properties
<a href="#">alert</a>	A message with important, and usually time-sensitive, information. See related <a href="#">alertdialog</a> and <a href="#">status</a> .	none
<a href="#">alertdialog</a>	A type of dialog that contains an alert message, where initial focus goes to an element within the dialog. See related <a href="#">alert</a> dialog.	none
<a href="#">application</a>	A region declared as a web application, as opposed to a web document.	none
<a href="#">article</a>	A section of a page that consists of a composition that forms an independent part of a document, page, or site.	none
<a href="#">banner</a>	A region that contains mostly site-oriented content, rather than page-specific content.	none
<a href="#">button</a>	An input that allows for user-triggered actions when clicked or pressed. See related <a href="#">link</a> .	none
<a href="#">cell</a>	A cell in a tabular container.	
<a href="#">checkbox</a>	A checkable input that has three possible values: true, false, or mixed.	<a href="#">aria-checked</a> (state)
<a href="#">columnheader</a>	A cell containing header information for a column.	none
<a href="#">combobox</a>	A presentation of a select; usually similar to a textbox where users can type ahead to select an option, or type to enter arbitrary text as a new item in the list. See related <a href="#">listbox</a> .	<a href="#">aria-expanded</a> (state)
<a href="#">definition</a>	A definition of a term or concept.	none
<a href="#">dialog</a>	A dialog is an application window that is designed to interrupt the current processing of an application in order to prompt the user to enter information or require a response. See related <a href="#">alertdialog</a> .	none
<a href="#">directory</a>	A list of references to members of a group, such as a static table of contents.	none
<a href="#">document</a>	A region containing related information that is declared as document content, as opposed to a web application.	none
<a href="#">form</a>	A landmark region that contains a collection of items and objects that, as a whole, combine to create a form. See related <a href="#">search</a> .	none
<a href="#">grid</a>	A grid is an interactive control which contains cells of tabular data arranged in rows and columns, like a table.	none
<a href="#">gridcell</a>	A cell in a grid or <a href="#">treegrid</a> .	none
<a href="#">heading</a>	A heading for a section of the page.	none
<a href="#">img</a>	A container for a collection of elements that form an image.	none
<a href="#">log</a>	A type of live region where new information is added in meaningful order and old information may disappear. See related <a href="#">marquee</a> .	none
<a href="#">main</a>	The main content of a document.	none
<a href="#">marquee</a>	A type of live region where non-essential information changes frequently. See related <a href="#">log</a> .	none



<a href="#">math</a>	Content that represents a mathematical expression.	none
<a href="#">menu</a>	A type of widget that offers a list of choices to the user.	none
<a href="#">menubar</a>	A presentation of menu that usually remains visible and is usually presented horizontally.	none
<a href="#">navigation</a>	A collection of navigational elements (usually links) for navigating the document or related documents.	none
<a href="#">note</a>	A section whose content is parenthetical or ancillary to the main content of the resource.	none
<a href="#">option</a>	A selectable item in a select list.	none
<a href="#">progressbar</a>	An element that displays the progress status for tasks that take a long time.	none
<a href="#">radio</a>	A checkable input in a group of radio roles, only one of which can be checked at a time.	<a href="#">aria-checked (state)</a>
<a href="#">radiogroup</a>	A group of radio buttons.	none
<a href="#">row</a>	A row of cells in a tabular container.	none
<a href="#">rowgroup</a>	A group containing one or more row elements in a grid.	none
<a href="#">rowheader</a>	A cell containing header information for a row in a grid.	none
<a href="#">scrollbar</a>	A graphical object that controls the scrolling of content within a viewing area, regardless of whether the content is fully displayed within the viewing area.	<a href="#">aria-controls</a> <a href="#">aria-orientation</a> <a href="#">aria-valuemax</a> <a href="#">aria-valuemin</a> <a href="#">aria-valuenow</a>
<a href="#">search</a>	A landmark region that contains a collection of items and objects that, as a whole, combine to create a search facility. See related form .	none
<a href="#">searchbox</a>	A type of textbox intended for specifying search criteria.	none
<a href="#">slider</a>	A user input where the user selects a value from within a given range.	<a href="#">aria-valuemax</a> <a href="#">aria-valuemin</a> <a href="#">aria-valuenow</a>
<a href="#">status</a>	A container whose content is advisory information for the user but is not important enough to justify an alert, often but not necessarily presented as a status bar. See related alert.	none
<a href="#">switch</a>	A type of checkbox that represents on/off values, as opposed to checked/unchecked values.	<a href="#">aria-checked (state)</a>
<a href="#">tab</a>	A grouping label providing a mechanism for selecting the tab content that is to be rendered to the user.	none
<a href="#">table</a>	A section containing data arranged in rows and columns. The table role is intended for tabular containers which are not interactive.	none
<a href="#">textbox</a>	Input that allows free-form text as its value.	none
<a href="#">timer</a>	A type of live region containing a numerical counter which indicates an amount of elapsed time from a start point, or the time remaining until an end point.	none
<a href="#">tooltip</a>	A contextual popup that displays a description for an element.	none

**Attention, les différents rôles ARIA ne s'appliquent pas sur n'importe quelles balises HTML !**

## Quelques propriétés ARIA :

### [aria-checked](#) :

<b>false</b>	The element supports being checked but is not currently checked.
<b>mixed</b>	Indicates a mixed mode value for a tri-state checkbox or menuitemcheckbox.
<b>true</b>	The element is checked.

### [aria-expanded](#)

<b>false</b>	The element, or another grouping element it controls, is collapsed.
<b>true</b>	The element, or another grouping element it controls, is expanded.
<b>undefined (default)</b>	The element, or another grouping element it controls, is neither expandable nor collapsible; all its child elements are shown or there are no child elements.

### [aria-controls](#)

Identifies the element (or elements) whose contents or presence are controlled by the current element. For example:

- A table of contents tree view may control the content of a neighboring document pane.
- A group of checkboxes may control what commodity prices are tracked live in a table or graph.
- A tab controls the display of its associated tab panel.

### Value : id reference list

### [aria-orientation](#)

<b>horizontal</b>	The element is oriented horizontally.
<b>undefined (default)</b>	The element's orientation is undefined.
<b>vertical</b>	The element is oriented vertically.

### [aria-valuemax](#)

**Value:** [number](#)

### [aria-valuemin](#)

**Value:** [number](#)

### [aria-valuenow](#)

**Value:** [number](#)

Sources : [http://www.w3schools.com/tags/ref\\_byfunc.asp](http://www.w3schools.com/tags/ref_byfunc.asp) et <https://www.w3.org/TR/wai-aria-1.1/>

Adapté par B.Mascret

## SELECTEURS CSS

<b>e1</b>	Les éléments e1
<b>e11, e12</b>	Les éléments e11 et e12
<b>e11 e12</b>	Les éléments e12 contenus dans un élément e11
<b>e11.warn</b>	Les éléments e11 ayant un attribut class de valeur warn
<b>e1#pos143</b>	L'élément e1 ayant l'attribut id de valeur pos143
<b>e1:hover</b>	Un élément e1 lorsqu'il est survolé par la souris

Sources : cours TLI – B.Mascret - CPE