

# WebHub Syntax Stage 2.14

*first implemented in WebHub v2.039 in November 2004*

## Overview

As of syntax stage 2.0, WebHub has been enhanced to:

- organize W-HTML code in an XML compliant format by providing functional grouping of W-HTML code
- make WebHub's generated code as xhtml compliant as possible
- allow full visual design of dynamic WebHub pages using DreamWeaver MX 2004
- enable visual design of parts of pages (now called droplets – formerly chunkss)
- enable html sketches to communicate design ideas (prior to implementation in dynamic code)
- provide built-in support for easy-to-manage human language translation of dynamic web page content
- enable documentation (visible or hidden) to be associated with dynamic resources (files, pages, droplets, web actions etc)

## WebHub App Configuration for Syntax Stage 2.14

The following information relates to the application-level configuration file, e.g. WHAppConfig\_appid.xml.

**Required: ProjectSyntax**

**Optional: ProjectLingvo**

```
<WebHubAppConfiguration xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:noNamespaceSchemaLocation=
"http://static.webhub.com/xsd/cv004/webhubappconfiguration200705.xsd">
  <Application>
    <AppProperties>
      <DynURLConfig/>
      <ProjectSyntax value="0214"/>
      <ProjectLingvo value="en"/>
    </AppProperties>
  </Application>
</WebHubAppConfiguration>
```

For backwards compatibility, the ProjectSyntax defaults to the oldest stage.

The ProjectLingvo is optional. Lingvo means language in Esperanto. If used, ProjectLingvo should be a 2- or 3-character code indicating the human language, e.g. "en" for English, "de" for Deutsch, etc.

## Optional Session Variables (StringVars)

GuestLingvo=human\_language\_code (xx or xxx)

## Dreamweaver WebHub Extension Configuration

**\*\* This manual step is required in Dreamweaver v9 only. It is automatic in v8. \*\***

After installing the WebHub Dreamweaver Manager Extension (for the first time), create a configuration file named *WebHubDWMgr.config* in the same folder as the DLL (*WebHubDWMgr.dll*). The configuration file must contain one section named *DynSrcList*, in which you define one or more aliases. The aliases point to the WebHub Application Server which will provide the dynamic content. In each WHITEKO file, you will reference at least one alias.

### **Example:**

*WebHubDWMgr.config* ← configuration file located with *WebHubDWMgr.dll*

[DynSrcList]

ADSERVER=http://www.mydomain.com/scripts/runisa.dll?MYAPPID|RemoteDesign|  
RemoteRefresh|1200|(~

# Top Level View of WebHub Syntax Stage 2.14

```
<?xml version="1.0" encoding="utf-8"?> ← optional
<!DOCTYPE whteko PUBLIC "http://static.webhub.com/dtd/0214/whteko.dtd"> ← optional
<whteko attr_list> ← top level tag

<whpage attr_list> ← web page declaration
<whpagesettings>
  ...
</whpagesettings>
<whprep>
<whdesign>
  ...
</whdesign>
  ...
</whprep>
<whoutput>
<!DOCTYPE...>
<html><head>...</head>
<body>
  ...
  <!-- hidden comment -->
  ...
<whsketch attr_list>
  ...
</whsketch>
  ...
<whdoc attr_list>
  ...
</whdoc>
  ...
<whdesign>
  ...
</whdesign>
<whdroplet attr_list> ← part of a page
  ... <whrow> ... </whrow> ...
</whdroplet>
  [~..~]
  ...
<whremote> ← content from secondary server
  ...
</whremote>

<whtranslation attr_list> ← part of a page and translatable
  ...
</whtranslation>
  ...
</body>
</html>
</whoutput>
</whpage>
<whmacros> ← one-line server side includes
  ..=...
  ..=...
</whmacros>
```

```
<whtranslations attr_list>  
  ~..=...  
  ~..=...  
</whtranslations>  
</whteko>
```

← group of one-line translations

## More Complete Example of WebHub Syntax Stage 2.14

```
<?xml version="1.0" encoding="utf-8"?>
<!DOCTYPE whteko PUBLIC "http://static.webhub.com/dtd/0214/whteko.dtd">
<whteko
  designdynsrc="mydynsrc"
  defaultlingvo="eng"
  designlingvo="eng"
  designpage="news"
  showdoc="no"
  showsketch="yes"
  notes="This is a sample WHTEKO file">

  <whpagesettingslist id="setlist1">
    asetting=aaaaa
  </whpagesettings>

  <whpage pageid="news" desc="latest news">
    <whpagesettings inherit="setlist1">
      style=bbb
    </whpagesettings>
    <whprep>
      <whdesign>
        (~SET|username=Fred Jones~)
        (~SET|account=12345~)
      </whdesign>
      (~waSecurity.execute~)
    </whprep>
    <whoutput>
      <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN"
      "http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">
      <html>
      <head>
      <meta http-equiv="content-type" content="text/html; charset=iso-8859-1" />
      <title>everything about the latest news</title>
      <link rel="stylesheet" type="text/css" href="..." />
      </head>
      <body>
      <h1>Headline</h1>
      (~waAction1.execute~)<!-- hidden comments -->
      <whsketch for="waAction1" show="no">
        Hello, world.
      </whsketch>
      <h2>[~Second Headline~]</h2>
      <whtranslation key="~content2">And now we discuss everything you need to know
      about the second headline, including how it relates to money, religion and
      politics.</whtranslation>
      (~waScanData.execute|drTable~)
      <whdroplet name="drTable" show="no">
      <table id="tableid-table" class="(~PageSetting.style~)">
      <tr><td>[~English 1A~]</td><td>[~English 1B~]</td></tr>
      <whrow><tr><td>sample1</td><td>sample2</td></tr></whrow>
      </table>
      </whdroplet>
      (continued on next page)
```

```

<h2>Another Headline</h2>
Table content repeats: (~waScanData.execute|drTable~)
<whremote dynsrc="WH3">
  (~waAdvertisement.execute|~)
</whremote>
</body>
</whoutput>
</whpage>

<whpage pageid="snippetpage" desc="a snippet test page" mode="scaffold">
<whdroplet name="drCopyright">
Copyright 2004 My Company
</whdroplet>
</whpage>

<whpage pageid="mypage3" desc="my translation page" mode="translation"
defaultlingvo="deu">

<whtranslation key="~content2" show="no">
Und jetzt besprechen wir alles, das Sie über die zweite Schlagzeile wissen
müssen und mit einschließen, wie sie auf Geld, Religion und Politik bezieht.
</whtranslation>

<whtranslations>
~Second Headline=Schlagzeile
~English 1A=Deutsch 1A
~English 1B=Deutsch 1B
</whtranslations>

<whtranslation key="~content2" lingvo="fra" show="no">
Et maintenant nous discutons tout que vous devez savoir le deuxième titre,
incluant comment il se relie à l'argent, à la religion et à la politique.
</whtranslation>

<whtranslations lingvo="fra">
~Second Headline=titre
~English 1A=Français 1A
~English 1B=Français 1B
</whtranslations>

</whpage>

</whteko>

```

## WebHub Syntax Stage 2.14 - Tags and W-HTML

This section of documentation covers all new XML-based tags and new W-HTML for WebHub, giving full syntax details.

The tags (and W-HTML) are presented in order of priority, rather than alphabetically.

### Summary

<b>syntax stage 2.14</b>	<b>syntax stage 1</b>	<b>usage</b>
<whteko>	<i>new</i>	always required - top level xml tag
<whpagesettingslist>	page defaults listed within [TWebApp.Files]	optional - used for shared page settings
<whpage>	<H1>-Page....	required for page declarations
<whpagesettings>	page defaults	optional - used for custom page settings
<whdroplet>	<H1>-Chunk....	required for page part declarations
<whmacro>	<H1>-Macros....	required for macro definitions
<whrow>	<i>new</i>	optional - used with TWebActions that output HTML <table...> tags
<whtranslation>	<i>new</i>	optional - used with new translation feature
<whtranslations>	<i>new</i>	optional - used with new translation feature
<whprep>	<i>new</i>	optional - for organizing W-HTML
<whoutput>	<i>new</i>	optional - for organizing W-HTML
<whdesign>	<i>new</i>	optional - used during design only
<whdoc>	<i>new</i>	optional - used for documentation
<whsketch>	<i>new</i>	optional - used for html sketches
<whremote>	<i>new</i>	optional - used for secondary source dynamic content
<!-- -->	<i>new</i>	optional - used for hidden comments
[~ ... ~]	<i>new</i>	optional - used with new translation feature

## WebHub Syntax Stage 2.14 - Tag nesting rules

The following tables show how the new WebHub tags are intended to nest within one-another.

<b>Tag - stage 2.14</b>	<b>Valid child tag(s)</b>
<whteko>	<whpagesettingslist> <whpage> <whdroplet> <whmacros> <whtranslation> <whtranslations> <whdoc> <whsketch>
<whpagesettingslist>	none
<whpage>	<whpagesettings> <whdroplet> <whmacros> <whtranslation> <whtranslations> <whprep> <whoutput> <whdesign> <whdoc> <whsketch> <whremote>
<whpagesettings>	none
<whdroplet>	<whtranslation> <whprep> <whdesign> <whdoc> <whsketch> <whremote> <whrow>
<whmacros>	none
<whrow>	none
<whtranslation>	none
<whtranslations>	none
<whprep>	<whdroplet> <whmacros> <whtranslation> <whtranslations> <whdesign> <whdoc>
<whoutput>	<whdroplet> <whtranslation> <whdesign> <whdoc> <whsketch> <whremote>
<whdesign>	none
<whdoc>	none
<whsketch>	none
<whremote>	<whdoc> <whsketch>



## <whteko>

### Description

In an XML-based text file with a **.whteko** file extension, the `<whteko_tag>` is the top level tag that surrounds all declarations of WebHub pages and parts of pages. The attributes of the `<whteko_tag>` primarily affect situations where the webmaster is designing or proofreading, i.e. while in MacroMedia Dreamweaver Design View, Dreamweaver "Preview-in-Browser" mode, or in the WebHub Admin Preview panel.

\*\*In this document, we say "in Dreamweaver Design View" for brevity.

The `<whteko_tag>` is required exactly once in each WHTEKO file.

### Category

content organization

### Syntax

```
<whteko
  id="my_teko_id"
  defaultdynsrc="my_dynsrc_alias"
  defaultlingvo="human_language_code"
  designlingvo="human_language_code"
  designpage="my_page"
  showdoc="yes" or "no"
  showsketch="yes" or "no"
  notes="my_notes">
</whteko>
```

### Attributes

Attribute	Req/Opt	Default	Description
id	Optional	system generated	Unique identifier for the WHTEKO document.
defaultdynsrc	Required (Dreamweaver only)		Alias for a remote WebHub Application Server as defined in Dreamweaver's WebHub Extension configuration file. This server is used by default as the source for all dynamic content within the design page.
defaultlingvo	Optional	""	default human language (expressed as a 2- or 3-character code from ISO 639-1 or ISO 639-2) which is used when a <code>&lt;whtranslation_tag&gt;</code> or its parent <code>&lt;whpage_tag&gt;</code> does not specify a lingvo
designlingvo	Optional	""	in Dreamweaver Design View*, this human language is used to display the contents of <code>&lt;whtranslation_tag&gt;</code> s (within the current designpage).
designmode	Optional	visual	if mode is "visual", the code is translated before being displayed in Dreamweaver Design View, which involves contacting

Attribute	Req/Opt	Default	Description
			the defaultdynamsrc server; if mode is "code", no translation occurs. (added 15-Jul-2004)
designpage	Optional	**first	in Dreamweaver Design View*, this is the <b>page to be displayed for design</b> . It defaults to the **first page identified in the <whteko_tag>.
showdoc	Optional	no	in <i>Dreamweaver Design View</i> , if yes, then show contents of whdoc sections (see also <whdoc_tag> for override)
showsketch	Optional	no	in <i>Dreamweaver Design View</i> , if yes, then show contents of whsketch sections (see also <whsketch_tag> for override)
notes	Optional	""	notes about the file as a whole

## <whpagesettingslist>

### Description

This tag defines one or more page settings which may be inherited by any of the pages defined within the same WHTEKO file.

### Category

dynamic resource

### Syntax

```
<whpagesettingslist id="my_list_id">  
setting1=text 1  
setting2=text 2  
</whpagesettingslist>
```

### Attributes

Attribute	Req/Opt	Default	Description
id	Required		Identifier for the list of page settings. The identifier must contain only letters and digits (and must start with a letter), and be unique within the WHTEKO file. The id is used by individual <whpagesettings_tag>s within their inherit attribute.

## <whpage>

### Description

This tag defines a WebHub **web page** which may (according to the mode attribute) be either displayed to site visitors or viewed only by the webmaster during design.

At least one <whpage\_tag> is required in each WHITEKO file.

### Category

dynamic resource

### Syntax

```
<whpage
  pageid="my_page_id"
  desc="my_page_description"
  defaultlingvo="human_language_code"
  mode="design" or "live" or "scaffold"
  exportfilename="path\filename.html"
  remap="AppID:PageID(ServerID)">
</whpage>
```

### Attributes

Attribute	Req/Opt	Default	Description
pageid	Required		WebHub <b>page identifier</b> . For <i>live</i> pages, this must be unique within the project. For <i>design</i> and <i>scaffold</i> pages, this must be unique in the <whteko_tag>. The identifier must contain only letters and digits (and must start with a letter).
desc	Optional	""	page description, which is stored as the TWebPage.PageDesc property.
defaultlingvo	Optional	""	human language used for translation, if none other is specified.
mode	Optional	live	<b>live</b> (or ""), <b>design</b> or <b>scaffold</b> . (see Usage)
exportfilename	Optional	""	Filename to export the page to.
remap	Optional	""	Remap links to the page to the indicated WebHub AppID:PageID(ServerID) combination.

## Usage

Selecting the appropriate page mode is an important decision. Only live pages may be called from a WebHub URL.

Design pages are viewable in Dreamweaver Design View, and their mode should be changed to "live" when they are ready for use by site visitors. Scaffold pages are used to facilitate the display of `<whdroplet_tag>s`, `<whmacros_tag>s` and `<whtranslation(s)_tag>s` for proofreading. Scaffold pages are generally never changed to live mode. Even though a scaffold page itself cannot be called from a WebHub URL, its contained sections may be called from any WebHub web page.

## <whpagesettings>

### Description

This tag defines one or more page settings associated with the current *<whpage\_tag>*.

### Category

dynamic resource

### Syntax

```
<whpagesettings inherit="my_list_id">  
setting1=alternate text  
setting3=text 3  
</whpagesettings>
```

### Attributes

Attribute	Req/Opt	Default	Description
inherit	Optional		If non-blank, all page settings from the indicated <i>&lt;whpagesettingslist_tag&gt;</i> are inherited by the current <i>&lt;whpage_tag&gt;</i> .

### Usage

Any settings given within the *<whpagesettings\_tag>* override (and add to) any inherited settings.

The scope of page settings is the current web page, i.e. the one within which the page settings are defined.

Reference page settings using PageSettings.ID (not PageDefaults), e.g. PageSettings.setting1 in WebHub HTML or PageSettings['setting1'] in Object Pascal.

Note: even if you only want to inherit settings, you must still complete the block with a *</whpagesettings\_tag>*:

```
<whpagesettings inherit="my_list_id">  
</whpagesettings>
```

# <whdroplet>

## Description

This tag defines part of a web page which is named and callable from any web page in the project.

See also: <whtranslation\_tag>

## Category

dynamic resource

## Syntax

```
<whdroplet
```

```
    name="drMydropletName"
```

← tip: start the name with a "dr" prefix

```
    show="yes" or "no">
```

```
</whdroplet>
```

## Attributes

Attribute	Req/Opt	Default	Description
name	Required		<b>droplet identifier</b> , starting with a letter and made of letters and digits.
show	Optional	yes	<b>yes</b> means declare the tag's contents as a droplet with name="drMyDropletName" and show as part of the page output  <b>no</b> means declare the tag's contents as a droplet with name="drMyDropletName" but do not show as part of the page output. To show this droplet on a web page, use the WebHub syntax (~drMyDropletName~).

## <whmacros>

### Description

This tag defines named, one-line part(s) of a web page which may be subsequently used via text-substitution syntax. These on-line parts are not translated.

### Category

dynamic resource

### Syntax

```
<whmacros>
mcKey1=value1
mcKey2=value2
mcKey3=value3
</whmacros>
```

### Attributes

none

### Usage

The `<whmacros_tag>` is typically used when a series of short definitions are to be made. To subsequently substitute the "value" portion in any WebHub web page, use this WebHub syntax: `(~mcKey1~)`.

### Example

```
<whteko>
<whmacros>
mcImagePath=/images/lowres/
mcWebmasterEMail=<a href="mailto:webmaster@mycompany.com">email us</a>
</whmacros>

<whpage pageid="my_page">
...
Interested? (~mcWebmasterEMail~)
...
</whpage>
</whteko>
```



## <whrow>

### Description

This advanced tag marks a portion of a droplet which is intended to be replaced (by a TWebAction component) with one or more rows of data from a database. Its contents may be completely removed or parsed, at the sole discretion of the author of the TWebAction code.

### Category

dynamic resource

### Syntax

```
<whrow>
```

zero to many characters and/or HTML

```
</whrow>
```

### Attributes

none

### Usage

The `<whrow_tag>` is typically used inside a droplet whose name is passed to a TWebAction component. Example: `(~waScanData.execute|drMyDroplet~)`

### Example

In the following example, the TWebAction component named "waScanData" uses the contents of the droplets "drTable" and "drTableEmpty" when presenting the database. The drTableEntry droplet is sent when there is no data. When there is data, the contents of drTable prior to the opening `<whrow_tag>` are sent, then the database content, then the content after the closing `</whrow_tag>`. Some, but not all, TWebAction components parse out the middle of the `<whrow_tag>` and use that as the basis for the HTML to be sent.

There are two major benefits to using the `<whrow_tag>`. (1) A single xhtml-compliant droplet can be used to specify the table layout instead of 2 or 3 non-compliant droplets; (2) the visual designer can put sample HTML code inside the `<whrow_tag>` during the design phase, knowing that it will be completely replaced with dynamic content once the TWebAction is ready.

```
<whteko lingvo="eng" designmode="code">
```

```
<whpage pageid="my_page">
```

```
...
```

```
(~waScanData.execute|drTable,drTableEmpty~)
```

```
<whdroplet name="drTable" show="no">
<table id="tableid-table" class="(~PageSetting.style~)">
  <tr><td>[~English 1A~]</td><td>[~English 1B~]</td></tr>
  <whrow>
    <tr><td>sample1</td><td>sample2</td></tr>
  </whrow>
</table>
</whdroplet>

<whdroplet name="drTableEmpty" show="no">
Sorry, the table contains no data.
</whdroplet>

...

</whpage>

</whteko>
```

## <whtranslation>

### Description

This tag defines part of a web page which is identified by a translation-key and is always translated according to the currently selected GuestLingvo literal and available stored translations matching the translation-key.

See also: <whdroplet\_tag>

### Category

dynamic resource

### Syntax

```
<whtranslation
  key="~my_key"
  lingvo="human_language_code"
  show="yes" or "no">
</whtranslation>
```

### Attributes

Attribute	Req/Opt	Default	Description
key	Required		<b>translation-key</b> , which must start with the ~ symbol
lingvo	Optional		the content of this <whtranslation_tag> is declared for this lingvo (human language); defaults to the lingvo of the parent page, else to the lingvo of the teko, else an error condition. When the translation-key is used on a webpage, then if the GuestLingvo literal matches this lingvo, the contents of this tag are used.
show	Optional	yes	<b>yes</b> means declare the tag's contents as a translation with translation-key = "~my_key", and show as part of the page output. <b>no</b> means declare (as above) but do not show as part of the page output.

## Example

```
<whtranslation
```

```
    key="~Advertisement"
```

```
    lingvo="eng"
```

```
    show="no">
```

..content in selected human language ("eng" in this case) to be substituted when key, (~Advertisement~) in this case, is used on the web page...

```
</whtranslation>
```

## <whtranslations>

### Description

This tag defines one or more translations, each of which fit on a single line, each with a unique translation-key, and each in the same human-language.

### Category

dynamic resource

### Syntax

```
<whtranslations
  lingvo="human_language_code">
~key1=value1
~key2=value2
~key..N=value..N
</whtranslations>
```

### Attributes

Attribute	Req/Opt	Default	Description
lingvo	Optional		the contents of this tag are declared for this lingvo (human language); defaults to the lingvo of the parent page, else to the lingvo of the teko, else an error condition. When a contained translation-key (eg. ~key1) is used on a webpage, then if the GuestLingvo literal matches this lingvo, then the contents of this tag are used.

## <whprep>

### Description

Defines the section of a web page which consists of preparatory, non-visual actions, located before the HTML output begins.

### Category

content organization

### Syntax

```
<whprep>  
</whprep>
```

### Attributes

none.

### Usage

The *<whprep\_tag>* is only used within the *<whpage\_tag>* or *<whdroplet\_tag>* and must precede the *<whoutput\_tag>* if one is present and should not contain the *<DOCTYPE\_tag>* nor *<HTML\_tag>*.

### Example

```
<whteko lingvo="">  
<whpage pageid="my_page">  
<whprep>  
(~waSecurity.execute~)  
</whprep>  
<whoutput>  
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN"  
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">  
<html>  
<head>  
<title>my page title</title>  
</head>  
<body>  
hello, world  
</body>  
</html>  
</whoutput>  
</whpage>  
</whteko>
```

## <whoutput>

### Description

Defines the section of a web page which is output over http to the site visitor. The whoutput section should contain everything from <DOCTYPE\_tag><HTML\_tag> to </HTML\_tag>.

See also: <whprep\_tag>

### Category

content organization

### Syntax

```
<whoutput>  
</whoutput>
```

### Attributes

none.

## <whdesign>

### Description

Defines a section of a page which is only used from Dreamweaver Design View or via the Remote Preview feature. A *<whdesign\_tag>* may be used inside a *<whprep\_tag>* or inside a *<whoutput\_tag>*, for preparatory code or visual elements respectively.

### Category

content organization

### Syntax

```
<whdesign>  
</whdesign>
```

### Attributes

none.

### Usage

The *<whdesign\_tag>* is only used to identify actions or visual elements that are relevant to the webmaster during design. For example, the *<whdesign\_tag>* might be placed around the setting of session variables such as username and account in order to trigger appropriate dynamic content.

### Example

```
<whteko lingvo="">  
<whpage pageid="my_page">  
<whprep>  
(~waSecurity.execute~)  
<whdesign>  
(~SET|username=Member1~)  
(~SET|account=Company1~)  
</whdesign>  
</whprep>  
<whoutput>  
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN"  
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">  
<html>  
<head>  
<title>my page title</title>  
</head>  
<body>  
hello, (~username~) from (~account~)  
</body>  
</html>  
</whoutput>  
</whpage>  
</whteko>
```



## <whdoc>

### Description

This tag contains **documentation** about a *page*, *droplet*, *translation* or *web-action component*. The contents may be shown or hidden.

### Category

content description

### Syntax

```
<whdoc  
    for="output_item_identifier"  
    show="inherit" or "yes" or "no">  
</whdoc>
```

### Attributes

Attribute	Req/Opt	Default	Description
for	Optional	""	Name of the page, droplet, translation or web action component for which the documentation exists.
show	Optional	inherit	When ' <b>inherit</b> ', this attributes value equals the value of the <b>showdoc</b> attribute in the <i>&lt;whteko_tag&gt;</i> .

## <whsketch>

### Description

This tag contains a **sketch**, using HTML, of a part of a web page, and may be shown or hidden.

### Category

content description

### Syntax

```
<whsketch  
    for="output_item_identifier"  
    show="inherit" or "yes" or "no">  
</whsketch>
```

### Attributes

Attribute	Req/Opt	Default	Description
for	Optional	""	Name of the page, droplet, translation or web action component for which the sketch exists.
show	Optional	inherit	When ' <b>inherit</b> ', this attribute's value equals the value of the showsketch attribute in the <whteko_tag>.

## <whremote>

### Description

This tag contains dynamic content obtained from a remote WebHub Application source that is "different from and supplementary to" the **designsrc** in the *<whteko\_tag>*.

### Category

dynamic content

### Syntax

```
<whremote  
    dynsrc="dynsrc_alias">  
</whremote>
```

### Attributes

Attribute	Req/Opt	Default	Description
dynsrc	Required		Alias for a remote WebHub Application Server as defined in Dreamweaver's WebHub Extension configuration file. This tag is not yet implemented outside of Dreamweaver.

### Example

The following WHTML would display the output of a webaction component named "waAdvertisement" as defined in a remote WebHub Application which is accessed by using the connection details associated with the alias "ADSERVER".

```
<whremote dynsrc="ADSERVER">  
(~waAdvertisement.execute~)  
</whremote>
```

In the Dreamweaver WebHub Extension configuration file, an example definition for "ADSERVER" might be:

```
WebHubDWMgr.config ← configuration file located with WebHubDWMgr.dll  
[DynSrcList]  
ADSERVER=http://www.mydomain.com/scripts/runisa.dll?MYAPPID:RemoteDesign::
```

`<!-- -->`

## Description

A private comment which is never sent to the browser. WebHub fully and automatically removes the tag and its contents when the page is output for a site visitor.

## Category

W-HTML

## Syntax

```
<!--  
-->
```

## Attributes

none

## Example

```
<!-- this text will not be included in the html page source sent to the site visitor -->
```

## [~ ... ~]

### Description

A shortcut syntax for a `<whtranslation_tag>` (contents are always shown).

### Category

dynamic resource

### Syntax (1 or 2 or 3)

1. `[~key~]`
2. `[~key~text to display~]`
3. `[~key~lingvo~text to display~]`

### Attributes

Attribute	Req/Opt	Default	Description
key	Required		identifier (translation-key) ; a leading ~ symbol is added automatically.
lingvo	Optional		the content is declared for this lingvo; defaults to the lingvo of the parent page, else to the lingvo of the teko, else an error condition.

In syntax 1, the text (displayed and stored) is set equal to the key (but without any leading ~ symbol).

### Example Syntax

1. `[~mykey~]`
2. `[~mykey~text to display~]`
3. `[~mykey~eng~text to display~]`

Syntax	Translation Key	Lingvo	Text
1	~mykey	inherited	mykey
2	~mykey	inherited	text to display
3	~mykey	eng	text to display

## Version Notes:

### Brief Synopsis of Changes between Syntax Stage 2.10 and 2.11

*(NB: syntax 2.10 was never released to the public)*

change folio to page, foliero to droplet, foliereto to macros

added <whtranslation\_tag> and <whtranslations\_tag>

added <!-- hidden comment -->

move attributes from <whdesign\_tag> to <whteko\_tag>

added <whdesign\_tag> for use within prep and output sections

in whteko\_tag, added notes attribute. change designfolio to designpage; delete designfoliero

in whpage\_tag, changed name= to pageid=

changed lingvo="n/a" to lingvo=""

all droplet's automatically display, so do NOT call them after declaring them, or set the SHOW attribute to "no".

for declare and display translation short-cut syntax, change %~ ~% to [~ ~] pairs.

move 1-line translations to a <whtranslations\_tag>

### Brief Synopsis of Changes in Syntax Stage 2.12 compared with 2.11

AppDefault for ProjectSyntax is now 0212 whereas before it was 2.11

added a new tag: <whremote\_tag>

added a new attribute "designdynsrc" to the <whteko\_tag>

removed the "show" attribute from <whtranslations\_tag> as this was not used

changed the Dreamweaver configuration file's main section name from [TekoResourceLocator] to [DynSrcList]

## Brief Synopsis of Changes in Syntax Stage 2.13 compared with 2.12

Page Defaults are no longer loaded from the application-INI file nor saved to it. Under syntax stage 2.13, they are called "Page Settings" and are loaded from the `<whpagesettingslist_tag>` and `<whpagesettings_tag>` sections.

<u>Change</u>	<u>To</u>
sequence.on	whSequence=on
sequence.auto	whSequence=auto
up.pageid	whSequenceUp=pageid
final.pageid	whSequenceFinal=pageid
Animate.On	whSequenceAnimate=On

The WebHub macro "PageDefault" is deprecated; we recommend using the new name "PageSettings" instead.

added id attribute to `<whteko>` tag

added new tags: `<whpagesettingslist>` and `<whpagesettings>`

## Brief Synopsis of Changes in Syntax Stage 2.14 compared with 2.13

1. changed `<!-- hidden comment --->` to `<!-- hidden comment -->` (now ends with 2 dashes)

2. All `<![CDATA[...]]>` tags are stripped; their contents are preserved. Thus

`<whmacros>`

```
mcdotypehtml=<![CDATA[<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.0  
Transitional//EN" "http://www.w3.org/TR/html4/loose.dtd">]]>
```

`</whmacros>`

becomes

`<whmacros>`

```
mcdotypehtml=<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.0 Transitional//EN"  
"http://www.w3.org/TR/html4/loose.dtd">]]>
```

`</whmacros>`

3. Added `<whrow_tag>`.



# Syntax Highlight Color Summary

These colors are used in the WebHub Dreamweaver extension and in the WebHub-HTML panel.

<code>&lt;whteko attr_list&gt;</code>	<code>#990000</code>	
<code>&lt;whpagesettingslist&gt;</code>	<code>#CC99CC</code>	
<code>...</code>		
<code>&lt;/whpagesettingslist&gt;</code>		
<code>&lt;whpage attr_list&gt;</code>	<code>#DD0000</code>	
<code>&lt;whpagesettings&gt;</code>	<code>#CC99CC</code>	
<code>...</code>		
<code>&lt;/whpagesettings&gt;</code>		
<code>&lt;whprep&gt;</code>	<code>#DD6699</code>	
<code>&lt;whdesign&gt;</code>	<code>#9999CC</code>	
<code>...</code>		
<code>&lt;/whdesign&gt;</code>		
<code>...</code>		
<code>&lt;/whprep&gt;</code>		
<code>&lt;whoutput&gt;</code>		
<code>    &lt;!-- hidden comment --&gt;</code>	<code>#CC9966</code>	
<code>&lt;whsketch attr_list&gt;</code>	<code>#9999CC</code>	
<code>&lt;/whsketch&gt;</code>		
<code>&lt;whdoc attr_list&gt;</code>		
<code>&lt;/whdoc&gt;</code>		
<code>&lt;whdroplet attr_list&gt;</code>	<code>#99284C</code>	
<code>    (~CentralInfo.WebTimeGMT~)</code>	<code>#FF9933</code>	<code>#BB5555</code>
<code>    (~SET x=hello~)</code>		
<code>    ...&lt;whrow&gt;...&lt;/whrow&gt;...</code>	<code>#008B8B</code>	
<code>&lt;/whdroplet&gt;</code>		
<code>&lt;whtranslation attr_list&gt;</code>	<code>#7DA647</code>	
<code>&lt;/whtranslation&gt;</code>		
<code>    [~...~]</code>	<code>#7DA647</code>	
<code>&lt;/whoutput&gt;</code>		
<code>&lt;/whpage&gt;</code>		
<code>&lt;whmacros&gt;</code>	<code>#5B8425</code>	
<code>&lt;/whmacros&gt;</code>		
<code>&lt;whremote&gt;</code>	<code>#FFAA44</code>	
<code>&lt;/whremote&gt;</code>		
<code>&lt;whtranslations attr_list&gt;</code>		
<code>&lt;/whtranslations&gt;</code>		
<code>&lt;/whteko&gt;</code>		

## Colors for Edit Pad Pro

Two customizations combine to create nice syntax highlighting in EditPad Pro. The first is the syntax scheme, and the second is the choice of colors applied to each piece. Modifying the syntax scheme is difficult unless you are an expert in regular expressions and have experience with highlighting rules. Modifying the colors is easy.

HREF Tools provides three sets of color choices as starting points. Depending on your monitor, eyesight and experience with WebHub, you may want to adjust some colors.

The starting point for customizing color in EditPad Pro is the default background color. Suggested backgrounds follow. Enter colors as decimal RGB values in EditPad Pro.

light green	#D5E7C2	213 231 194
dark		109 128 128
light	#FCFCFC	252 252 252

After the WebHub Syntax Stage 2.14 scheme has been installed into EditPad Pro, you can fine-tune the colors for your own use, without needing to change the syntax scheme, by using the following chart. Each significant part of WebHub syntax has been mapped into one of the color variables supported by EditPad Pro.

(continued on next page)

To adjust colors, open a WHTEKO file and go into the EditPad menu: **Options > Configure File Types**. Go to the [Colors and Syntax] tab. The [Customize] button leads to the ability to adjust individual colors. For example, the pick a color for the parentils, change the EditPad color "Syntax: Fountain Highlight 9."

<b>Syntax Part</b>	<b>Dreamweaver</b>	<b>EditPad</b>	<b>Color</b>	<b>EditPad Color Identifier</b>
<b>whteko</b>	same	#990000	153 0 0	Syntax: Fountain Highlight 1
<b>whpagesettingslist</b>	same	#CC99CC	204 153 204	Syntax: Fountain Highlight 4
<b>whpagesettings</b>	same	#CC99CC	204 153 204	Syntax: Fountain Highlight 4
<b>whpage</b>	same	#DD0000	221 0 0	Syntax: Section Header
<b>whprep</b>	same	#DD6699	221 102 153	Syntax: Date and Time
<b>whoutput</b>	same	#DD6699	221 102 153	Syntax: Date and Time
<b>whmacros</b>	same	#5B8425	91 132 37	Syntax: Fountain Highlight 3
<b>whdroplet</b>	same	#99284C	153 40 76	Syntax: Fountain Highlight 2
<b>whsketch</b>	same	#9999CC	153 153 204	Syntax: Documentation Comment
<b>whdoc</b>	same	#9999CC	153 153 204	Syntax: Documentation Comment
<b>whdesign</b>	same	#9999CC	153 153 204	Syntax: Documentation Comment
<b>whtranslation</b>	same	#7DA647	125 166 71	Syntax: Fountain Highlight 5
<b>whtranslations</b>	same	#7DA647	125 166 71	Syntax: Fountain Highlight 5
<b>(~ ~) parentils</b>	#FF9933	#d4c2e7	212 194 231	Syntax: Fountain Highlight 9
	255 153 51			
<b>whremote</b>	same	#FFAA44	255 170 68	Syntax: Structural Bracket
<b>JUMP, ACTION...</b>	same	CC6666	204 102 102	Syntax: Fountain Highlight 8
<b>waAction.Execute</b>	CC4444			Syntax: Fountain Highlight 10
	204 68 68			
<b>&lt;!-- abc --&gt;</b>	same	#996666	153 102 102	Syntax: Comment
<b>Search: All Results</b>				Syntax: Local Link
<b>Search: Word Match</b>				Editor: Search Range
<b>Search: Highlighted</b>				Editor: Highlighted Search Match
<b>Code (e.g. javascript)</b>				Syntax: Code Highlight
<b>Active Line</b>				Editor: Highlight Active Line

Color References:

Philosophy of color choices: <http://www.writer2001.com/colwebcontrast.htm>

Conversions: <http://www.colorhexa.com/d5e7c2>