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Building Amaya: Its Extensibility

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Dialogue Extension

The language of Amaya dialogue can be controlled in the registry file **$HOME/.thotrc**

The first two characters of the LANG variable defines what dialogue files have to be loaded:

- Dialogue and Message tables in config directory: xx-amayadialogue, xx-libdialogue, xx-printdialogue xx-amayamsg, xx-transdialogue, etc.

  ```
  Syntax:number ' ' free-string
  ```

- It's also possible to rename structure elements

The default value LANG=en_US is given by the file **config/thot.ini**. To add a new ISO-Latin1 language we need to create new config files.

Adding shortcuts

Shortcuts to invoke menu commands are defined in the configuring file **$HOME/amaya.keyboard**

```
Examples:
Ctrl <Key>1: CreateHeading1()
<Key>Escape: TtcParentElement()
Shift Ctrl <Key>I: CreateElemEmphasis()
```

Default shortcuts are defined in file **config/amaya.keyboard**.

Adding Transformation Rules

A transformation rule has three parts :

- a name terminated by a colon ":"

- a source pattern terminated by a semi-colon ";"

- and a list of rules between braces "{" "}", each one terminated by a semi-colon ";"

Examples and syntax are described in file **amaya/HTML.trans**

Changing Presentation or Translation

Presentation and translation rules can be changed without changing Amaya code. All concerned files are located in amaya directory:

- HTMLP.P gives the source code for all presentation schemas (color screen, B/W screen, print formats).

- HTMLT.T contains translation rules for HTML output.

- HTMLTT.T contains translation rules for TEXT output.

- HTML.conf fixes parameters for each presentation: window sizes, paper format and orientation.

After any change, schemas have to be recompiled with the right compiler (prs or tra).

Menus and Callbacks Extension

To add a new menu we have to edit the file EDITOR.A.

After any change, the schema has to be recompiled with the right compiler (app).

```
Syntax:
 [view:n] menuID [menuID] (button:|toggle:|Separator)[itemID->actionName];
```

Changing HTML Structure

HTML structure can be changed without changing Amaya code. All concerned files are located in amaya directory:

After any change, the HTML.S schema has to be recompiled with the right compiler (str).

In this case the Amaya code, Presentation and Translation schemas have to be updated.