

```
Needs["JLink`"];
InstallJava[];
```

```
MSPSetDefault[ $$language, "0" ];
language = MSPToExpression[ $$language ];
```

```
ph = JavaNew["phBean"];
ph@setTxt[document, language];
```

```
(*****)
(* Definitions of utility functions follow: *)
(*****)
```

```
(* toIndex *)
(* ===== *)
(* writes a link to ../index.msp *)
(* using one of the obligatory webMathematica texts. *)
(* To show the text is one of the amateur lisencc conditions. *)
```

```
toIndex=
```

```
"<a href=\"../index?language=<>$$language<>\"><img src=\"../toIndex.gif\" border=\"0\"></a>";
```

```
(* form[url] *)
(* ===== *)
(* writes *)
(* - start-form tag *)
(* to the given url *)
(* - hidden field for the desired language *)
```

```
form[url_] :=
```

```
"<form action=\"\">
url<>\" method=\"post\"><>
<input type=\"hidden\" name=\"language\" value=\"\">
$$language<>\">";
```

```
(* form[url, position] *)
(* ===== *)
(* writes *)
(* - start-form tag *)
(* to the given url *)
(* with the given position *)
(* - hidden field for the desired language *)
```

```
form[url_, position_] :=
```

```
"<form action=\ "<url>" .msp#"<position>
"\ " method=\ "post\">"<>
"<input type=\ "hidden\" name=\ "language\" value=\ "<>
$$language<>"\">" ;
```

```
(* form[url, position, target] *)
(* ===== *)
(* writes *)
(* - start-form tag *)
(* to the given url *)
(* with the given position *)
(* and the given target *)
(* - hidden field for the language *)
```

```
form[url_, position_, target_] :=
  "<form action=\ "<url>" .msp#"<position>
  "\ " method=\ "post\" target=\ "<target>
  "\ "><input type=\ "hidden\" name=\ "language\" value=\ "<>
  $$language<>"\">" ;
```

```
(* anchor[url] *)
(* ===== *)
(* Writes a link to the given url *)
```

```
anchor[url_] :=
  "<a href=\ "<url>" ?language="<>
  $$language<>"\">"<ph@getPhtx[ ]>"</a>" ;
```

```
(* toLanguage[ url, lan, pic] *)
(* ===== *)
(* The flags-link in the header of index.msp *)
(* The aim is to develop this function so that *)
(* it is usable on all pages to change that *)
(* pages language and it should show only the *)
(* flags having the corresponding translation *)
```

```
toLanguage[ url_, lan_, pic_ ] :=
  "<a href=\ "<url>" ?language="<>ToString[lan]<>
  "\ "><img src=\ "<pic>"\">
  If[ language == lan, " ", " border=0" ]<>"</a>&nbsp;" ;
```