

GeoGebra Applet Parameters

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GeoGebra Applet Parameters

GeoGebra 3.2

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To include a GeoGebra Applet into an HTML page you could use "Export dynamic worksheet as webpage" in "File, Export" menu. However, for more advanced users, it is also possible to include the applet tag by hand.

Applet Tag

You can use the following lines to include a GeoGebra construction in your html page. The file "geogebra.jar" and the construction file (e.g. "circle.ggb") have to be placed in the directory of your html page.

```
<applet code="geogebra.GeoGebraApplet"
  archive="http://www.geogebra.org/webstart/geogebra.jar"
  width=500 height=300>
  <param name="filename" value="circle.ggb"/>
  <param name="framePossible" value="false"/>
```

Please install Java 1.4 (or later) to use this page.

```
</applet>
```

You may change width and height to your desired values. The parameters are explained next.

Applet Parameters

The following parameters may be used within the applet tag.

name	value	description	since
filename	e.g. "circle.ggb"	filename of construction file (ggb file)	2.5
type	button	if you use this parameter the applet will only show a button to open the GeoGebra application frame	2.5
framePossible	true or false	states if a double click on the drawing pad should open the GeoGebra application frame. This parameter is ignored if the type was set to "button", default: true	2.5
bgcolor	e.g. "#FFFFFF" for white	background color (as hex rgb string) of the applet. This parameter is only used if type "button" was set, default: white	2.5
borderColor	e.g. "#FFFFFF" for white	color of the border line drawn around the applet panel (as hex rgb string), default: gray	3.0
enableRightClick	true or false	states whether right clicks should be handled by the applet. Setting this parameter to "false" disables context menus, properties dialogs and right-click-zooming. Default: true	3.0
enableLabelDrags	true or false	states whether labels can be dragged. Default: true	3.2
enableShiftDragZoom	true or false	states whether the drawing pad should be moveable using Shift + mouse drag (or. Ctrl + mouse drag) or zoomable using Shift + mouse wheel (or Ctrl + mouse wheel). Setting this parameter to "false" disables moving and zooming of the drawing pad. Default: true	3.0

showMenuBar	true or false	states whether the menubar of GeoGebra should be shown in the applet, default: false	2.5
showToolBar	true or false	states whether the toolbar with the construction mode buttons should be shown in the applet, default: false	2.5
showToolBarHelp	true or false	states whether the toolbar help text right to the toolbar buttons should be shown in the applet	3.0
customToolBar	e.g. "0 1 2 3 , 4 5 6 7"	sets the toolbar according to a custom toolbar string where the int values are Toolbar Mode Values, "," adds a separator within a menu, " " starts a new menu and " " adds a separator in the toolbar before starting a new menu.	2.5
showAlgebraInput	true or false	states whether the algebra input line (with input field, greek letters and command list) should be shown in the applet	2.5
showResetIcon	true or false	states whether a small icon (GeoGebra ellipse) should be shown in the upper right corner of the applet. Clicking on this icon resets the applet (i.e. it reloads the file given in the filename parameter).	2.5
language	iso language string en ... English fr ... French it ... Italian de ... German es ... Spanish sl ... Slovenian zh ... Chinese	GeoGebra tries to set your local language automatically (if it is available among the supported languages, of course). The default language for unsupported languages is English. If you want to specify a certain language manually, please use this parameter.	2.5
country	iso country string AT ... Austria	This parameter only makes sense if you use it together with the language parameter.	2.5
java_arguments	eg -Xmx256m	This parameter allows you to specify more memory (in megabytes) for the GeoGebra applet Works only in Java 6 update 10 or later (will have no effect in earlier versions)	3.2

The following lines are an example for a "button" applet that only consists of a button to open GeoGebra's window. The background of the applet (i.e. the area around the button) is set to white (#FFFFFF).

```
<applet code="geogebra.GeoGebraApplet"
  archive="geogebra.jar"
  width=200 height=40>
<param name="filename" value="circle.ggb"/>
<param name="type" value="button"/>
<param name="bgcolor" value="#FFFFFF"/>
Please <a href="http://java.sun.com/getjava">install Java 1.4</a> (or later) to use this page.
</applet>
```

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