NAME
gtk4-builder-tool − GtkBuilder File Utility

SYNOPSIS
gtk4−builder−tool <COMMAND> [OPTIONS...] <FILE>

gtk4−builder−tool validate <FILE>
gtk4−builder−tool enumerate <FILE>
gtk4−builder−tool simplify [OPTIONS...] <FILE>
gtk4−builder−tool preview [OPTIONS...] <FILE>

DESCRIPTION
gtk4−builder−tool can perform various operations on GtkBuilder UI definition files.

COMMANDS
Validation
The **validate** command validates the given UI definition file and reports errors to **stderr**.

Enumeration
The **enumerate** command lists all the named objects that are present in the UI definition file.

Preview
The **preview** command displays the UI dfinition file.

This command accepts options to specify the ID of the toplevel object and a CSS file to use.

−−id=ID
The ID of the object to preview. If not specified, gtk4−builder−tool will choose a suitable object on its own.

−−css=FILE
Load style information from the given CSS file.

Simplification
The **simplify** command simplifies the UI definition file by removing properties that are set to their default values and writes the resulting XML to the standard output, or back to the input file.

When the **−−3to4** option is specified, the **simplify** command interprets the input as a GTK 3 UI definuition file and attempts to convert it to GTK 4 equivalents. It performs various conversions, such as renaming properties, translating child properties to layout properties, rewriting the setup for GtkNotebook, GtkStack, GtkAssistant or changing toolbars into boxes.

You should always test the modified UI definition files produced by gtk4−builder−tool before using them in production.

Note in particular that the conversion done with **−−3to4** is meant as a starting point for a port from GTK 3 to GTK 4. It is expected that you will have to do manual fixups after the initial conversion.

−−replace
Write the content back to the UI definition file instead of using the standard output.

−−3to4
Transform a GTK 3 UI definition file to the equivalent GTK 4 definitions.