—ga— is a binary format as an istruction sequence that describes simple graphic object. This file contains tests that aim to check the pdfliteral driver capability to render ga streams—an usual Lua array.

The pdfliteral driver directly inserts PDF vector graphics instruction within the output and should be intented as the "native" driver.

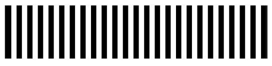
To understand the format please read the "ga-grammar.pdf" file. All dimensions are in scaled point, 65536sp = 1pt

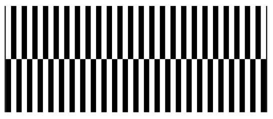
Running the source file with luatex, the typesetting engine executes the directlua macro. As a conseguence graphics appear in the PDF output file.

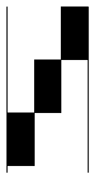
Test number 1: a vbar 2pt width, 20pt height:

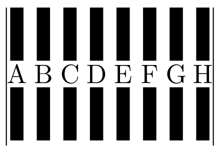
Test number 2: ten vbars equally spaced by 10pt:

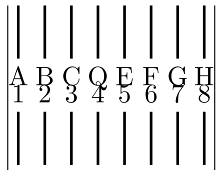
Test number 3: two series of vbars 10pt and 5pt large:

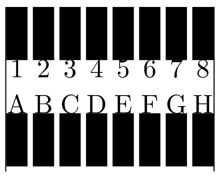
Test number 4: a bunch of thin bars: 

Test number 5: two floor of a bunch of thin bars: 

Test number 6: staircase of bars (manual insertion of data): 

Test number 7: vbars with spaced text, all in three rows: 

Test number 8: spaced text, check correct vertical alignment: 

Test number 9: spaced text, check correct vertical alignment: 

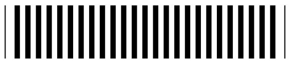
Test number 10: two centered texts and baseline aligned:

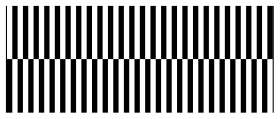
So far, we have manually build data for a ga stream. This time we are going to use ga-canvas library. All the test are repeated

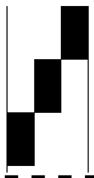
Test 1: a vbar 2pt width, 20pt height:

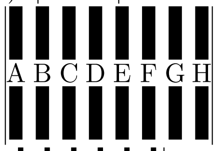
Test 2: ten vbars equally spaced by 10pt:

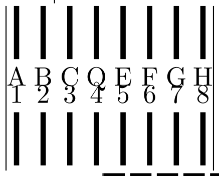
Test 3: two series of vbars 10pt and 5pt large:

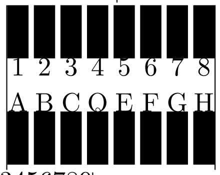
Test 4: a bunch of thin bars: 

Test 5: two floor of a bunch of thin bars: 

Test number 6: staircase of bars (manual insertion of data): 

Test number 7: vbars with spaced text, all in three rows: 

Test 8: spaced text, check correct vertical alignment: 

Test number 9: spaced text, check correct vertical alignment: 

Test number 10: two centered texts and baseline aligned: |0123456789|
AQC

Test number 11: two centered texts and baseline aligned: AQC
|0123456789|