

# `drawstack.sty`: Draw execution stack easily in LaTeX

Matthieu Moy

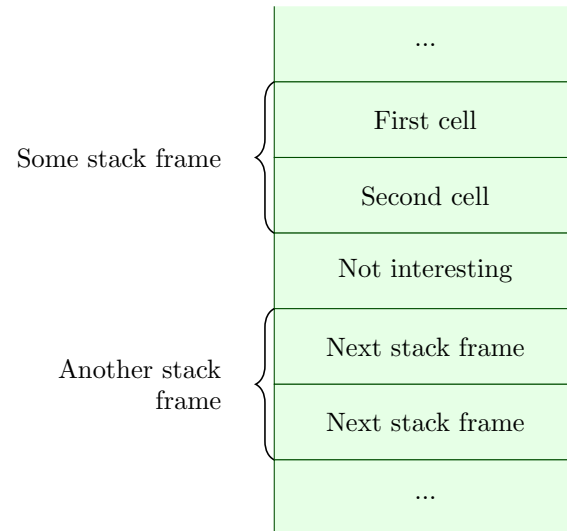
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`drawstack` is a LaTeX package to easily draw execution stack (typically to illustrate assembly language notions), written on top of TikZ. This file serves as an example of usage of `drawstack`, and serves as documentation for this package. Read the source code and comments to see how to use it.

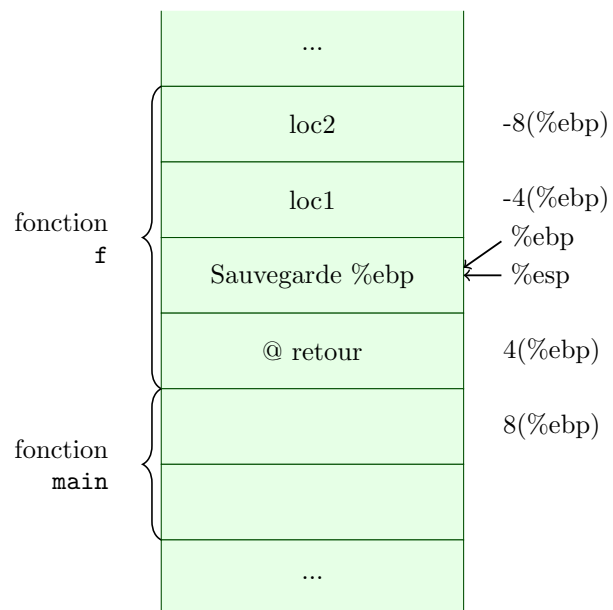
## 1 Minimalistic example

...
First cell
Second cell
...

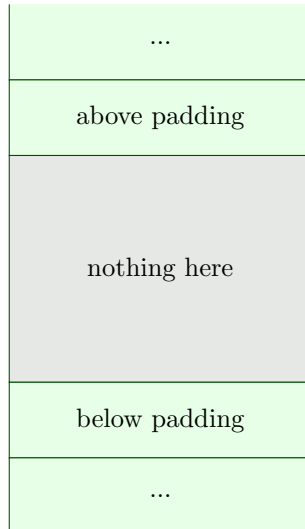
## 2 Grouping cells into stack frames



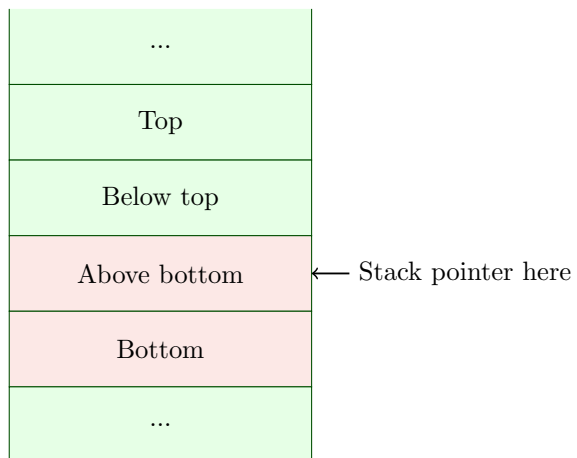
## 3 Stack and Base pointers



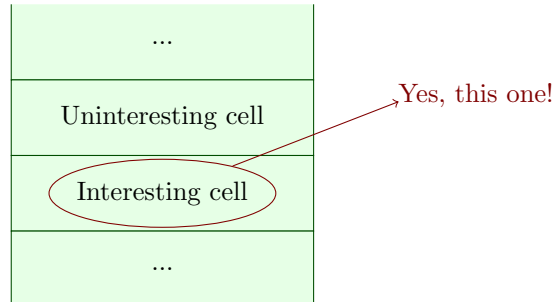
## 4 Padding



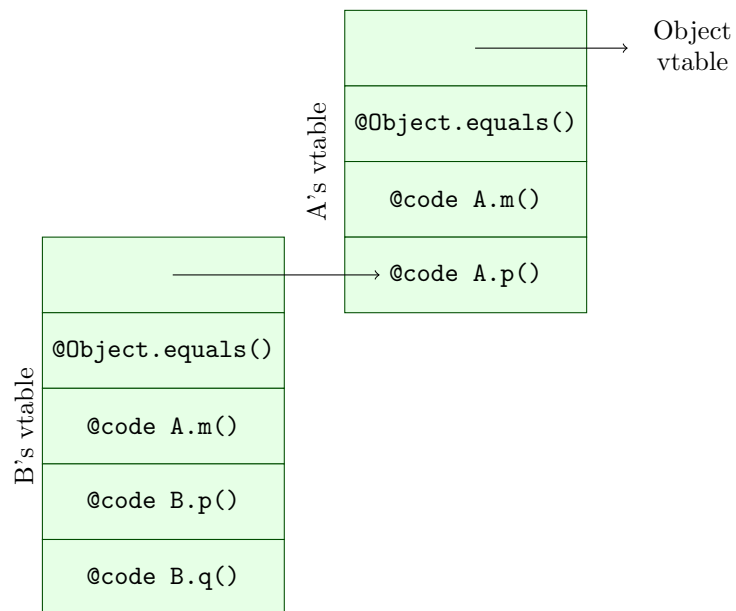
## 5 Below/Above stack pointer



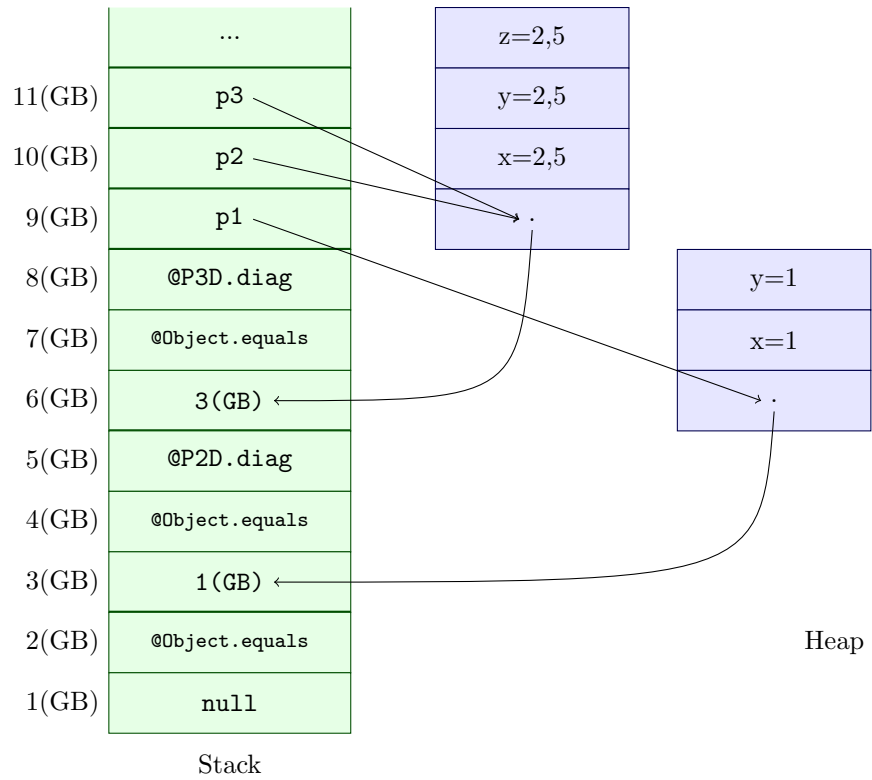
## 6 Highlighting some cell



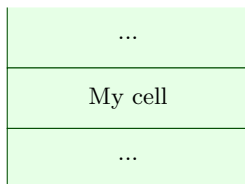
## 7 Structures without a stack structure



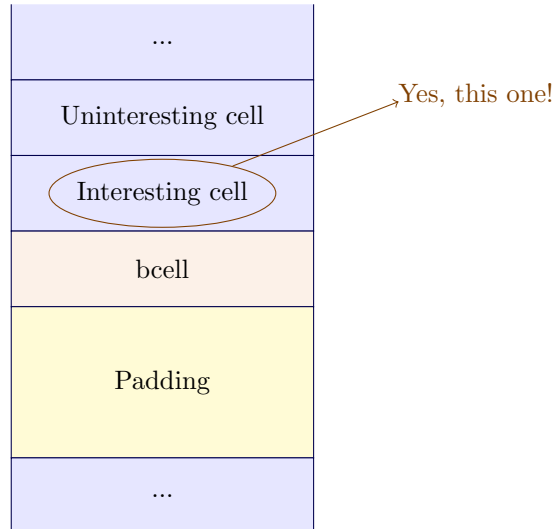
## 8 Structures and stack together



## 9 Using tikzpicture instead of drawstack



## 10 Changing style



## 11 Example: Computing Factorial

