Stack Pointer

v0.0.1

https://github.com/SillyFreak/typst-packages/tree/main/stack-pointer

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Abstract

Stack Pointer is a library for visualizing the execution of (imperative) computer programs, particularly in terms of effects on the call stack: stack frames and local variables therein.

Contents

I Introduction

This is a template for typst packages. It provides, for example, the `sp.add()` function.

II Module reference

II.a `template`

add(x: `number`, y: `number`) -> `number`

Adds two numbers. Example: $1 + 2 = 3$

Parameters:

x (`number`) – the first summand

y (`number`) – the second summand

sub(x: `number`, y: `number`) -> `number`

Subtracts the second number from the first. Example: $1 - 2 = -1$

Parameters:

x (`number`) – the minuend

y (`number`) – the subtrahend

mul(x: `number`, y: `number`) -> `number`

Multiplies two numbers. Example: $1 \cdot 2 = 2$

Parameters:

x (`number`) – the first factor

y (`number`) – the second factor

div(x: `number`, y: `number`) -> `number`

Divides the first number by the second. Example: $1 \div 2 = 0.5$

Parameters:

x (`number`) – the dividend

y (`number`) – the divisor