

Blossom's FPU pancake recipe

Bits: 45

Welcome to Blossom's FPU recipe book! Today you will learn how to cook a good old tiny pancake using the Intel 8087 FPU. To make this recipe you will need the following equipment:

- ♥ Dosbox or Fraxdos
- ♥ nasm
- ♥ Rrrola x and y coordinates in dx

Prepare the following ingredients:

- ♥ flour dw 256
- ♥ milk dw 8192
- ♥ salt dw 512

Then, prepare your kitchen by pushing all registers to the stack using **pusha**. Preheat your FPU by executing the **fninit** function. Grab a tiny bowl and prepare your pancake mix using the following instructions:

- ♥ fldt
- ♥ fild word [bx-9]
- ♥ fidiv word [flour]
- ♥ fmul st0,st0
- ♥ fidiv word [milk]
- ♥ fild word [bx-8]
- ♥ fidiv word [flour]
- ♥ fmul st0,st0
- ♥ fidiv word [salt]
- ♥ faddp

Your pancake is almost done! Just **popa** it into a frying pan and **feompp** to see if both sides are equally brown. Serve with **fstsw ax** and decorate your pancake further on the CPU.