Dash - ft_smallest_atoi

ft_smallest_atoi

Summary: `this document is the subject for the dash @ 42Tokyo.`

Contents

Chapter I

Foreword

```
Harness the powers you gained from the piscine...
Manifest the smallest atoi!

All functions are allowed.
Be creative!
```

Chapter II

Objective

Create the smallest `ft_smallest_atoi.c`.

Chapter III

Instructions

- If your program doesn't compile, it's a 0.

- Evaluation will be done on 42 Tokyo's Mac.

- This dash is a solo project.

- Turn in your code inside the turn-in repository.

Chapter IV

Exercice 00 : ft_smallest_atoi

	Exercise 00
	ft_smallest_atoi
Turn-in directory : *ex00/*	
Files to turn in : `ft_smallest_atoi.c`	
Allowed functions : *	

- Write the smallest function that converts the initial portion of the string pointed by str to its int representation.

- The string can start with an arbitray amount of white space (as determined by isspace(3))

- The string can be followed by an arbitrary amount of + and - signs, - sign will change the sign of the int returned based on the number of - is odd or even.

- Finally the string can be followed by any numbers of the base 10.

- Your function should read the string until the string stops following the rules and return the number found up to that point.

- You should not take care of overflow or underflow. Result can be undefined in that case.

- Here's an example of a program that prints the atoi return value:

```
$>./a.out " ---+--+1234ab567"
-1234
```

- Your function must be declared as follows:

```
int        ft_smallest_atoi(char *str);
```