

ROM - Flash

- vector
- = • ISR
- = • Interrupt

- text
- = • Code

- * Functions
- "has values of local vars"

- rodata
- * Const global
- * Static const glob
- * " " local
- * String literals

- data (values)
- * global initialized $\neq 0$
- * Static global init $\neq 0$
- * Static local init $\neq 0$

* String literals:

```
char * ptr = "abc";  
puts("abc");
```

RAM

- Stack

- * not initialized local var.
- * initialized local var.
- * const local var.

- data (variables)

- bss "block started by symbol"

- * global ~~not init~~ or init = 0
- * static global not init or init =
- * static local not init or init = 0

- heap

- malloc
- calloc
- realloc