## Figure 1

command line arguments and environment vars.

Stack

Unused virtual space on some machines...

Heap

**BSS** 

Data

**Text** 

Stack - information with address of calling routine... args passed to routine, other frame pointers etc.

Heap - dynamic memory allocation

BSS - Block Started by Symbol - uninitialized data segment.(outside of functions)

ie int foo; float baz;

Data - initialized data (outside of functions) ie int shit = 9; char head[] = "ugh";

Text - machine instructions - opcodes + operands (gdb is your friend!)

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Figure 1