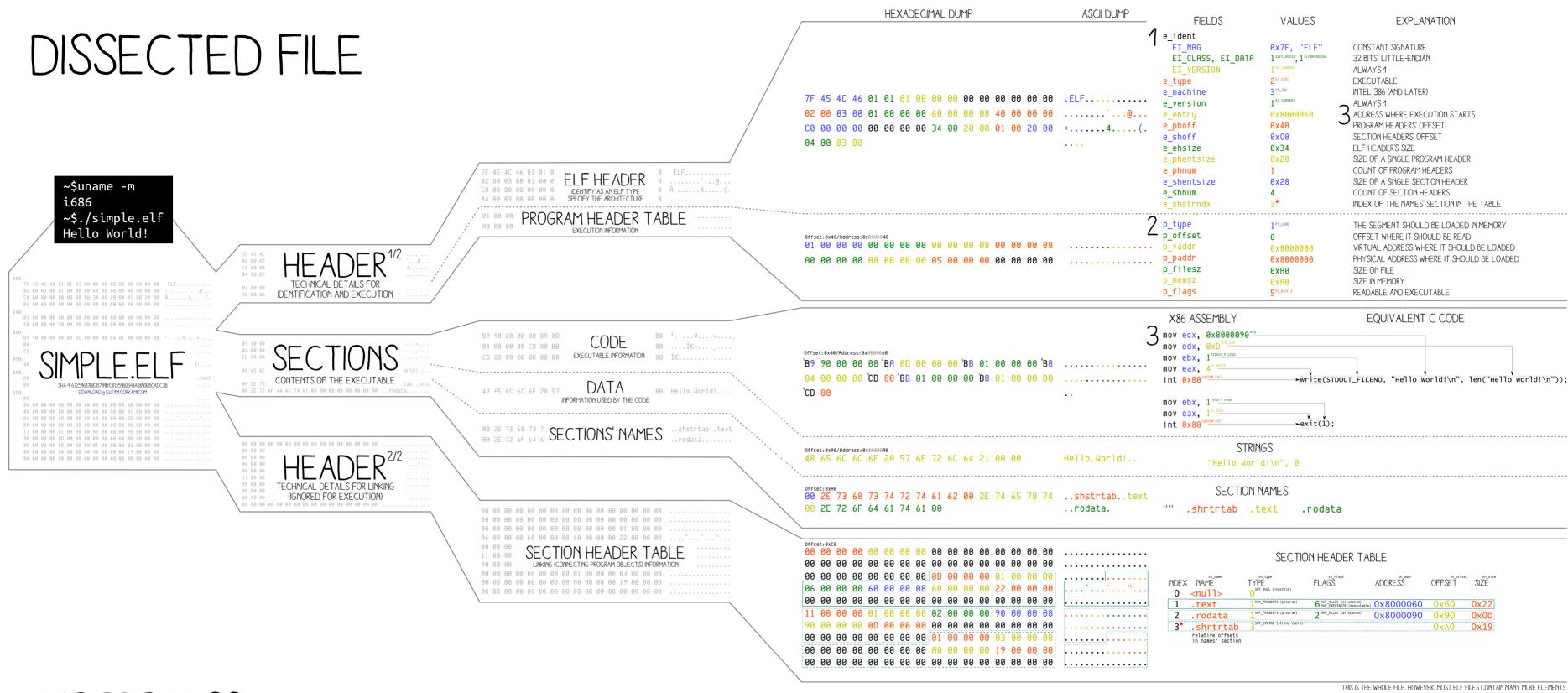
# ELLE F101 a Linux executable walk-through





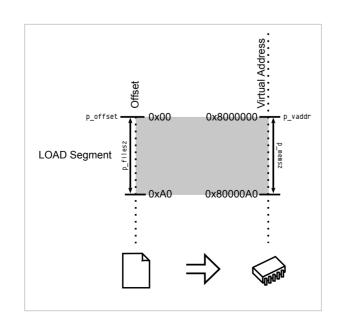
## LOADING PROCESS

1HEADER

THE ELF HEADER IS PARSED
THE PROGRAM HEADER IS PARSED
(SECTIONS ARE NOT USED)

#### 2 MAPPING

THE FILE IS MAPPED IN MEMORY ACCORDING TO ITS SEGMENT(S)



# 3 EXECUTION

ENTRY IS CALLED

SYSCALLS ARE ACCESSED VIA:

- SYSCALL NUMBER IN THE EAX REGISTER
- CALLING INTERRUPT 0X80

### TRIVIA

THE ELF WAS FIRST SPECIFIED BY U.S. L. AND U.I. FOR UNIX SYSTEM V, IN 1989

THE ELF IS USED, AMONG OTHERS, IN:

- LINUX, ANDROID, \*BSD, SOLARIS, BEOS
- PSP, PLAYSTATION 2-4, DREAMCAST, GAMECUBE, WIL
- VARIOUS OSES MADE BY SAMSUNG, ERICSSON, NOKIA,
- MICROCONTROLLERS FROM ATMEL, TEXAS INSTRUMENTS

