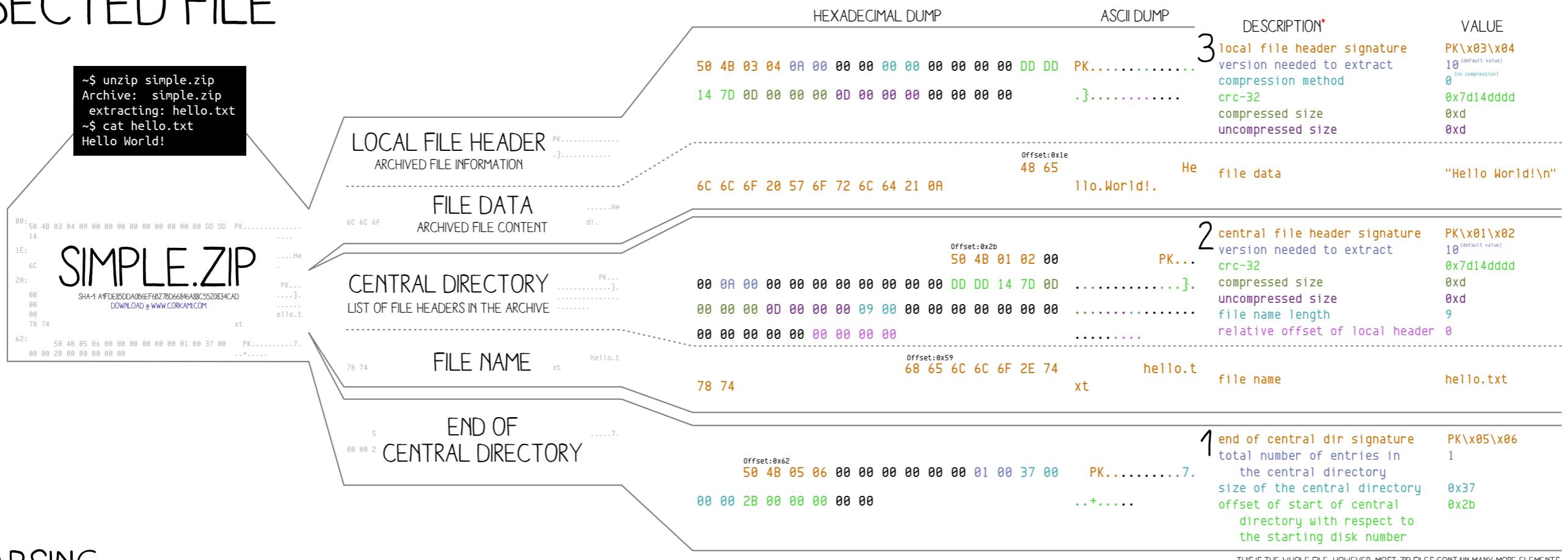


ZIP¹⁰¹ an archive walkthrough

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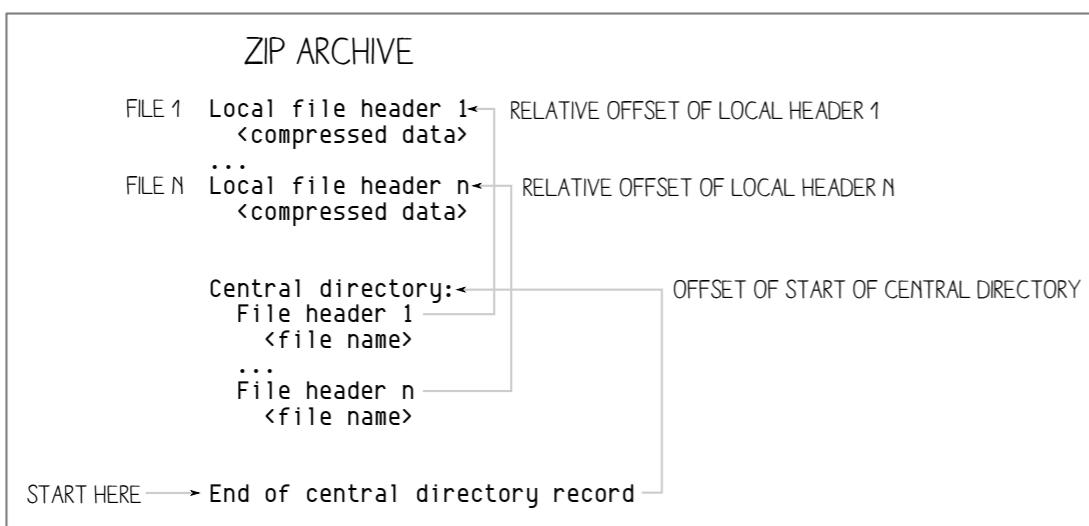
DISSECTED FILE



PARSING

THE ARCHIVE IS ANALYZED BACKWARD:

- 1 THE END OF CENTRAL DIRECTORY IS LOCATED (BY SCANNING), AND Parsed
- 2 THE CENTRAL DIRECTORY IS LOCATED, AND Parsed
- 3 EACH LOCAL FILE HEADER IS Parsed



TRIVIA

- THE ZIP FORMAT WAS CREATED BY PHILLIP WALTER KATZ, IN 1989
- IN THE OFFICIAL SPECIFICATION, STRUCTURE NAMES ARE NOT FIXED, ONLY DESCRIBED.
- THE FILE LIST IS WRITTEN LAST TO MINIMIZE DISK SWAPS WHEN CREATING MULTI-VOLUME ARCHIVE ON THE FLY.
- THE FILES' SIZES AND CRC'S ARE DUPLICATED TO BE ABLE TO LIST THE ARCHIVE WITHOUT REQUIRING ALL VOLUMES TO BE ACCESSED
- A ZIP FILE IS NOT ENFORCED TO START AT OFFSET 0.