





Dictionary-Based Methods

- · Build dictionary of common terms variable length strings
- · Transmit index into dictionary for each term
- Lempel-Ziv (LZ) is the best-known example
- · Commonly achieve 2-to-1 ration on text
- Variation of LZ used to compress GIF images
- first reduce 24-bit color to 8-bit color
- treat common sequence of pixels as terms in dictionary

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- not uncommon to achieve 10-to-1 compression (x3) CS 461

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