

COMP-3150

Lab 2

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A kanji is a single character, so its attributes include its Unicode value (key), A meaning in English (multiple possible), Type of kanji, The character itself derived from the Unicode value, and its JLPT level (5 – 1).

Kanji can be made up of less complicated kanji. So, I included a Unary relationship with itself. Kanji can be similar (like synonyms) to another kanji in meaning. So, another relationship with itself is made.

Kanjis must be drawn with a particular stroke. The strokes vary in number and order of the strokes.

Kanji can be read in certain ways. There are two different categories of reading onyomi and kunyomi. There can be multiple of each for each reading category. They can all be typed in hiragana, katakana, and romaji. Using romaji to derive the other two (Because the other two scripts can be typed in terms of Latin letters, e.g., the sound “ka” in hiragana is “か”).

Many kanji can make up compounds (Multiple kanjis strung together). These compounds together have a meaning. Compounds also have a way to read them and can be written in hiragana, katakana, and romaji.

Kanji can appear in example sentences which have a meaning in English and the sentence itself written in Japanese.