

Rod

Modifications to phrase compiler

Bob Gonsalves August 12, 1984

- 1) Changed PHRASE" so that it converts text it has grabbed to UPPERCASE before saving to disk. *COMPRESSION STUFF CAN GO IN SAME PLACE IN CODE.*
- 2) Added a variation on SAVE-TOKEN called SAVE-ADJECTIVE which does not compile LIT, the token value or T-EMIT . In the case of the adjectives that are entered into the phrase collection, there was no need to compile this info.
- 3) BEGIN-ADJECTIVES was created, which is similar to BEGIN-GENERAL-PHRASES, with the following differences:
 - a) PHRASE-OFFSET and NEXT-TOKEN# are not initialized to 0; they are left at their current value.
 - b) SAVE-ADJECTIVE is used as the storage option.
- 4) The word PHR was added. This takes a token number and returns the disk buffer address of the associated phrase. A test word, .ALL , was added to print out all the phrases, by sequentially stepping through the token numbers.
- 5) SCAN" was added to return a token number, given a " delimited phrase. An error condition is reported if the phrase is not found. This was need so that probability tables, which can supply token numbers for the values of fields, know what token numbers must be compiled. This function is needed only at compile time. (Since it has to do a linear search of the phrase space, in high level, it can be quite slow.) It hasn't yet, but will be, incorporated in the probability table compiler. *DITTO: UPPERCASE + COMPRESSION NOTES. f.*
- 6) Other words to be added: Something to compile LIT, a token value and T-EMIT, as in SAVE-TOKEN. Some phrases are referred to in more than one definition. Phrase" would be used the first time it is called, but this other command (TOKEN.OF ?) would be used subsequently.