

XABO PREPARSER

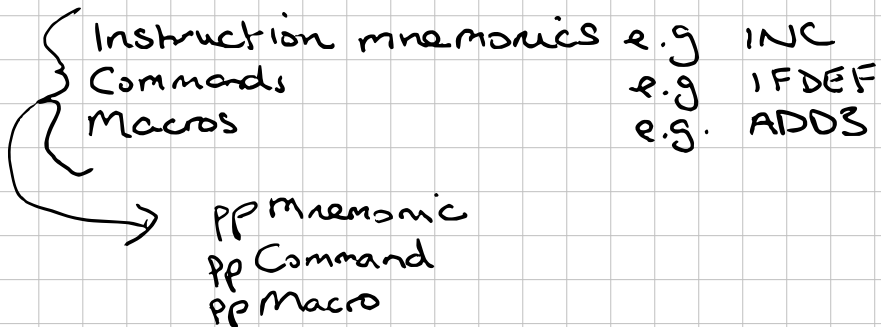
Initial assessment:

- * Whitespace
- * Single quoted char
- Double quoted string
- Commas
- Glob - e.g. INC, Z3, 5+A
- Comment

BASIC ELEMENTS

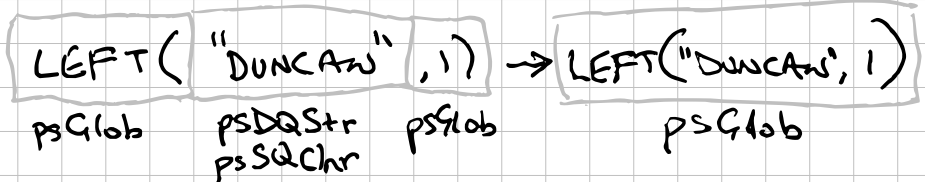
psWhitespace
psSQChar
psDQStr
psComma
psGlob
psComment

Keyword allocation:



Operands e.g. HL, DE and variables
are not set at this time

Bracket combining:



↳ escapes not allowed

Glob combining:

psGlob psWhitespace psGlob \rightarrow psGlob

psGlob psGlob \rightarrow psGlob

Label Allocation:

If first space is glob it must be a label. Don't check for colons at this stage

REMOVE ANY REMAINING WHITESPC

Operand Creation:

First psGlob
 psSQChar
 psDQStr } \rightarrow ppOperand

Subsequent

psComma psGlob
psComma psSQChar
psComma psDQStr } \rightarrow ppOperand

FURTHER NOTES ON PREPROC.

* Make initial assessment to see if there is a label or a macro in there.

→ COLUMN 1 = LABEL

→ COLUMN 1 = NOT LABEL

Having identified the label (if present) see if a macro name can be found.

We should now have:

<opt-label> <maybe-macro> <stuff>

→ If this ~~is~~ a macro, need to set the FMacroReference flag.

PARSER - 3 STAGE.

STAGE 1 - CATEGORISE

Split into spaces, commas, "globs", comments.

Combine into groups where possible.

STAGE 2 - PRE-PARSE

Try and allocate labels, keywords, macros etc. Finally allocate the operands.

Set up macro referencing at this stage.

STAGE 3 - FINAL PARSE

Get values for all operands. Only call this if not defining a macro, or referencing a macro