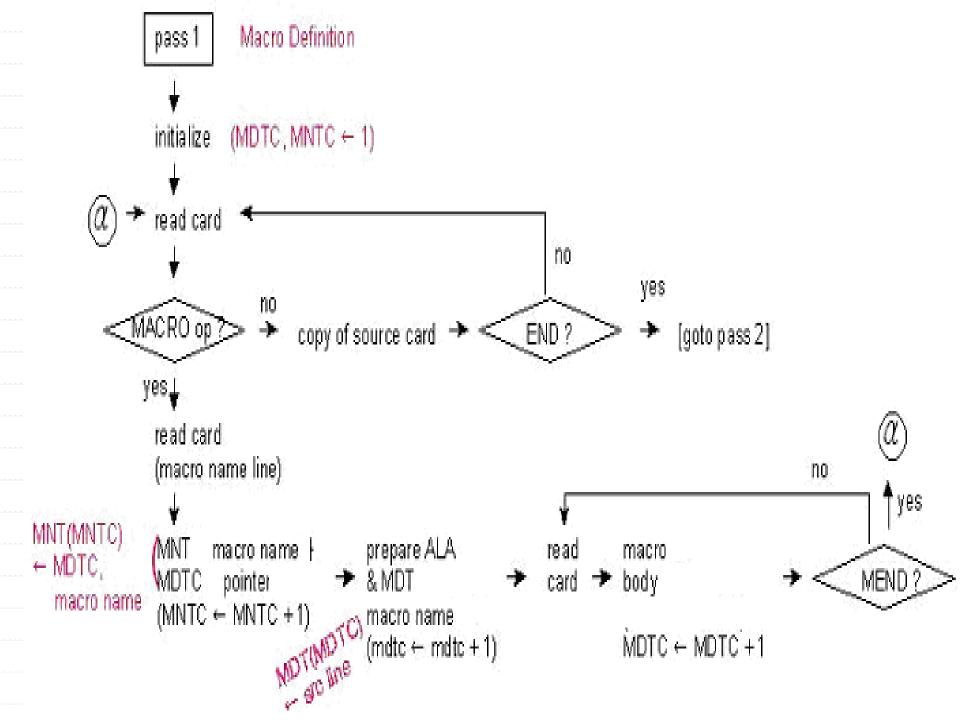
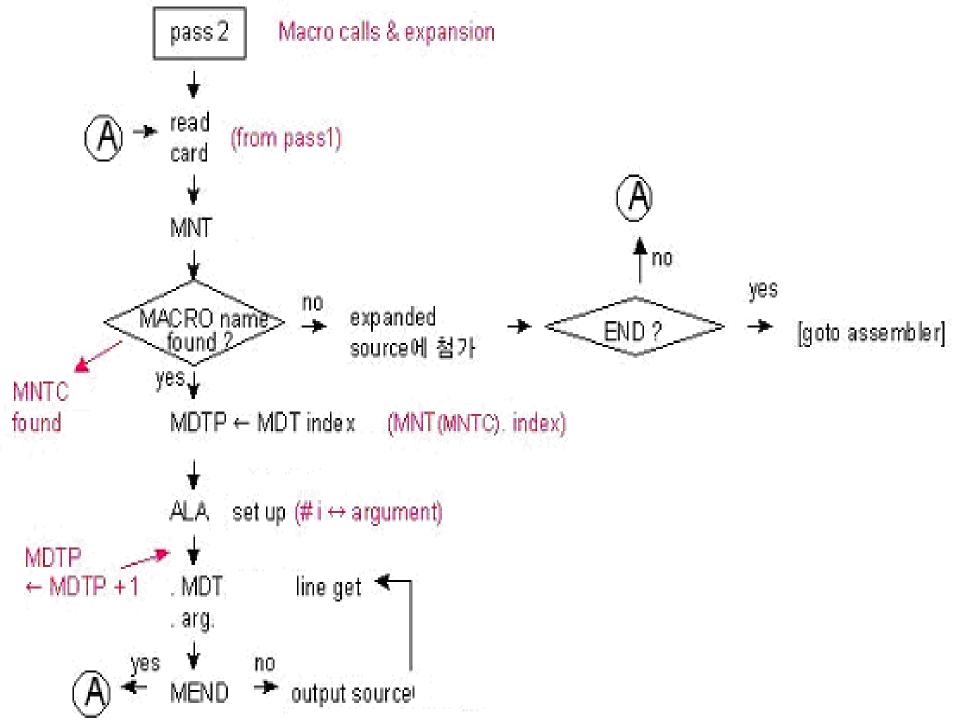
## Flowcharts of Pass1 & Pass2



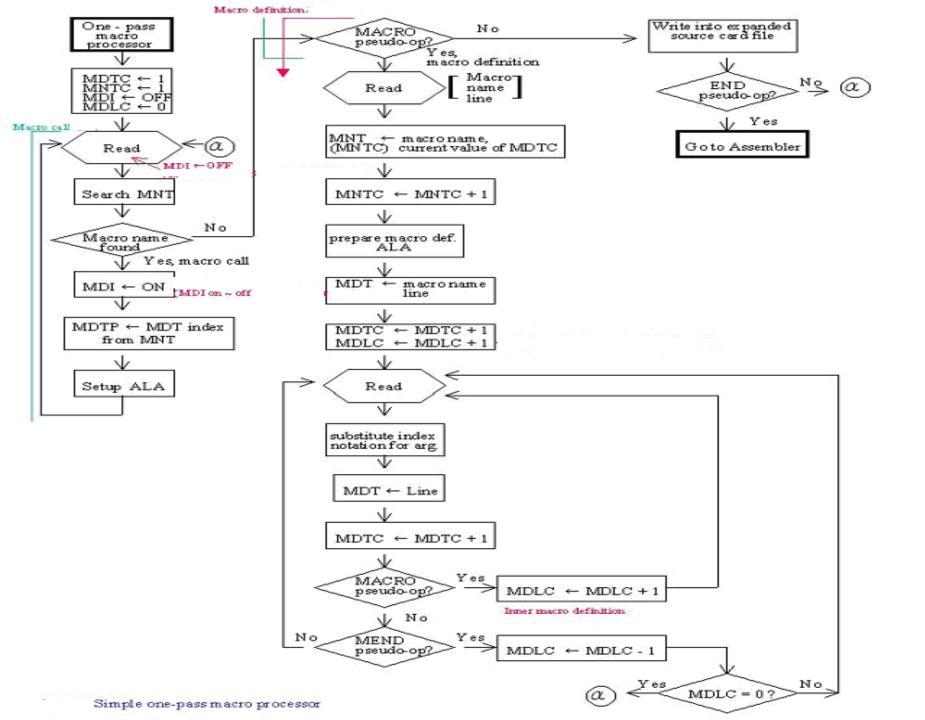


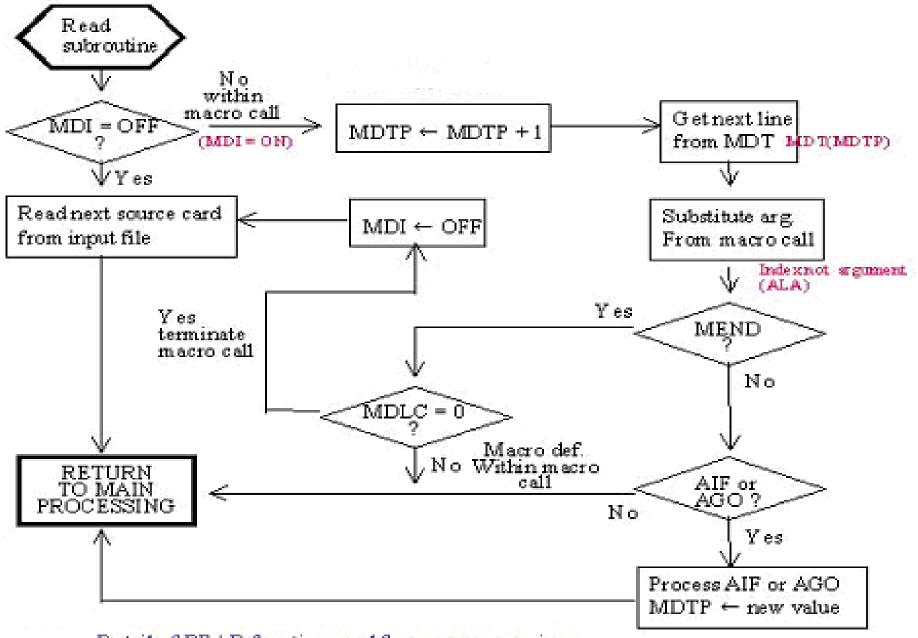
## Extra variables

Two new variables

MDI – Macro definition input – it is on during expansion of macro, otherwise off.

MDLC- Macro definition level counterincreased by 1 when MACRO is encountered and decreased by 1 when MEND is encountered





Detail of READ function used for macro expansion