

Declarations for Pass 3b

*** Compilers 24/6/76

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static
§s
    BuffStr      = 0
5    SaveIn      = 0
    InPtr        = 0
    InEnd        = 0

    MFDefBuff    = 0
10   MFAppBuff   = 0
    PresMFDef    = 0
    PresMFApp    = 0
    MFCode       = 0
    MFDefPtr     = 0
15   MFAppPtr    = 0
    MFDefEnd     = 0
    MFAppEnd     = 0
    Store        = 0
    Link         = 0
20   MFDefBuffFull = 0
    MaxAppUsage  = 0
    Hop          = 0
    NoParams     = 0
    HopShift     = 0
25   ParamsSaved = 0
    ParamBlock   = 0
    StackNo      = 0
    P1           = 0
    P2           = 0
30   ManApp      = DUMMY
§s

manifest
35 §m
    HEADTYPE     = 0
    CODELENGTH   = 1
    PREV         = 2
    CODETYPE     = 3
40   INITHOPNO   = 4
    NOHOPS       = 5
    NOPARAMS     = 6
    NAMEBLOCK    = 7
    PARAMSSAVED  = 8
45   DEFHEADSIZE = 9
    CODEPTR      = 4
    APPLYNO      = 5
    APPHEADSIZE  = 6
    NEWMANFUNDEF = 80101
50   NEWMANFUNAPP = 80102
    UNKNOWN      = 877776
    DIRECT       = 0
    SEMIDIRECT   = 1
    INDIRECT     = 2
55   LINKSIZE    = LengthField[LINKsm]
    RPSIZE       = LengthField[RPsm]
    LMFSIZE      = LengthField[LOADMANFUN]
    CHKJMPSize   = LengthField[JUMPPTsm]
    APSIZE       = LengthField[APPLYsm]
60 §m

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```

manifest
§m
    UpdateCellNo[p, n] is p↓1 := p↓1 + n
65    UpdateCellNo2[p, n] is p↓2 := p↓2 + n

    GenCellLength[p] = valof
    §GL
        let l = CellLength[p]
70    resultis l = 0 → p↓1, l
    §GL

    NextCell[p] = (p + GenCellLength[p])

75    FindCodefromApp[] = rv (MFAAppPtr - 1)

    ReportNonApp[] is
        Error[353, SOFT, NameField[FindCodefromApp[]↓NAMEBLOCK],
            NullProgram]
80 §m

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