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<program> → [<metas>] <object> EOF
<metas> → <meta> {EOL <meta>} EOP
<comment> → <commentary> EOL
<commentoptional> → {<comment>}
    <object> → (<commentoptional> <masterbody>)
        | <bound>
    <bound> → <commentoptional> ((<application> | (((<method> | <just>) <onameortname> | <aphi>)) EOL))
    <tbound> → <commentoptional> (<tapplication> | (((<method> | <just>) <tname> EOL)))
    <tsubmaster> → <commentoptional> <tmasterbody>
    <submaster> → <commentoptional> <masterbody>
    <masterbody> → <formation> | <atom> | (<hanonym> <onameortname> EOL)
    <tmasterbody> → <tformation> | <atom> | (<hanonym> <tname> EOL)
        <just> → <beginner> | <finisher>
        <atom> → <voids> <suffix> " " "?" <testsoreol>
    <formation> → <voids> <onameortname> <innersoreol>
    <tformation> → <voids> <tname> <innersoreol>
    <testsoreol> → <tests> | EOL
    <innersoreol> → <inners> | EOL
        <inners> → EOL TAB (<bound> | <submaster>) {(<bound> | ([EOL] <submaster>)) UNTAB}
        <tests> → EOL TAB (<tbound> | <tsubmaster>) {(<tbound> | ([EOL] <tsubmaster>)) UNTAB}
        <voids> → "[" [<void> {" "}<void>] "]"
        <void> → <name> | "@"
    <application> → ((<applicationextended> <onameortname> EOL)
        | <vapplication>
    <tapplication> → ((<applicationextended> <tname> EOL)
        | <tvapplication>
    <happlication> → ((<applicationhead> <happlicationtail>)
        | <applicationreversed>
    <applicationreversedhead> → <reversed> " " <happlicationreversedfirst>
    <applicationextended> → ((<applicationheadextended> <happlicationtail>)
        | <applicationreversed>
    <onlyaphi> → <applicationheadextended> <happlicationtail> <aphi>
    <aphi> → " " ">" " " " " <voids>
    <applicationreversed> → <happlicationreversedhead> [<happlicationtail>]
    <happlicationhead> → <hmethod> | <applicable>
    <applicationheadextended> → <vmethod> | <happlicationhead>
        <applicable> → "*" | <name> | "@"
    <applicationargunbound> → " " <happlicationarg>
    <happlicationtailscoped> → {<applicationargunbound>} " " <happlicationargscoped>
        <happlicationtail> → {<applicationargunbound>} <as> }+ | {<applicationargunbound>} +
    <applicationreversedfirst> → <happlicationarg>
        <applicationarg> → <just> | <hmethod> | <scope>
    <happlicationargscoped> → <voids> <aname> <innersoreol>
        <vapplication> → ((<applicationhead> <onameortname> <vapplicationargs>) | (<reversed> <onameortname> <vapplicationargsreversed>))
        <tvapplication> → ((<applicationhead> <tname> <vapplicationargs>) | (<reversed> <tname> <vapplicationargsreversed>))
    <vapplicationhead> → <applicable> | <hmethode> | <vmethod> | <compactarray>
        <compactarray> → (" $" | " QQ" | <name>) {". " <name>} " " "*" [<int>]
    <vapplicationargs> → EOL TAB <vapplicationargspecific> UNTAB
    <vapplicationargsreversed> → EOL TAB <vapplicationargunbound> [<vapplicationargspecific>] UNTAB
    <vapplicationargsspecific> → {<vapplicationargbound>} + | {<vapplicationargunbound>} +
    <vapplicationargbound> → ((<vapplicationargboundcurrent> EOL
        | <vapplicationargboundnext>
    <vapplicationargboundcurrent> → (( " (" <happlicationextended> ") ") | <just> | <method> <as> [<oname>]) | ((<commentoptional> " (" <hanonym> ") ") <as> [<fname>])
    <vapplicationargboundnext> → <commentoptional> <voids> [<fname>] <innersoreol> | ((<applicationhead> <as> [<oname>] <vapplicationargs>) | (<reversed> <as> [<oname>] <vapplicationargsreversed>))
    <vapplicationargunbound> → ((<onlyaphi> | (<vapplicationargunboundcurrent> <aphi>)) EOL
        | <vapplicationargunboundnext>
    <vapplicationargunboundcurrent> → ((<happlicationextended> | <just> | <method> [<oname>]) | ((<commentoptional> <hanonym> [<fname>]))
    <vapplicationargunboundnext> → <formationnamed> | ((<applicationhead> [<oname> | <aphi>] <vapplicationargs>) | (<reversed> [<oname>] <vapplicationargsreversed>) | ((<applicationhead> | <happlicationreversedhead> <happlicationtailscoped>))
        <formationnamed> → <commentoptional> <voids> [<fname>] <innersoreol>
        <hformation> → <voids> {"hanonyminner"} +
            <hanonym> → <hformation> | (<hmethode> | <happlication> | <hformation> | <just> {<onlyphitail>} )+
            <onlyphitail> → <arrow> <voids>
        <hanonyminner> → " " "(" <hmethode> | <happlication> | <hanonym> | <just> ) <oname> ")"
            <method> → <hmethode> | <vmethode>
            <hmethode> → (<just> | <scope>) {<methodtail>} +
            <vmethode> → <vmethodheadapplication> | ((<just> | <hanonym>) [<oname>] EOL) | <formationnamed> <methodtail> {<vmethodheadapplicationtail> <methodtail>}
    <vmethodheadapplicationtail> → [<oname>] <vapplicationargs> | EOL | ((<happlicationtail> [<oname>] EOL)
        <vmethodheadapplication> → <applicable> | <hmethode> [<oname>] <vapplicationargs> | (<reversed> [<oname>] <vapplicationargsreversed>)
            <methodtail> → ". " (<finisher> | (" " <int>))
            <beginner> → "*" | " Q" | " QQ" | "$" | <data>
            <finisher> → <name> | "@" | " "
            <reversed> → (<finisher> | (" " <int>)) ". "
            <aname> → ">" ">" "[! !]"
            <fname> → <oname> | (" " <oname>)
    <onameortname> → <oname> | <tname>
        <oname> → <suffix> "[! !]"
        <tname> → <tarrow> (" @ " | <name>)
        <tarrow> → " " "+ " ">" " " "
        <suffix> → <arrow> (" @ " | <name>) "[! !]"
        <arrow> → " " "+ " ">" " " "
        <scope> → " (" (<happlication> | <hanonym>) ")"
        <as> → " ; " (<name> | <int>)
        <data> → <bytes> | <text> | <string> | <int> | <float> | <hex>
    <commentary> → "# " [{^ \r\n}] [^ \r\n\t]
        <meta> → "+" <name> {" "} {^ \t\r\n} +
        <indent> → " " " "
        <linebreak> → [^ \r] "\n"
        <byte> → [0-9A-F] [0-9A-F]
    <empty_bytes> → " " " "
        <line_bytes> → <byte> {" " <byte>} +
        <bytes> → <empty_bytes> | <byte> " - " | (<line_bytes> {" - " EOL <line_bytes>})
    <escape_sequence> → "\{ \}" [<btnfr> "\{ \}" | [[0-3] [0-7] [0-7]] | ({" "}+ <byte> <byte>))
        <string> → DQ {[^ \r\n]} [\r\n] | <escape_sequence> DQ
        <int> → [" + " | " - " ] (" 0 " | (" 0 " [1-9] {0-9} ))
    <exponent> → (" e " | " E ") [{" + " | " - " }] {0-9} +
        <float> → [{" + " | " - " }] [{0-9}+] ". " [{0-9}+] [<exponent>]
        <hex> → " 0x " {0-9a-fA-F} +
    <name> → [a-z] {[^ \r\n\t] ; ?} [{} \r\n\t\xF335]
        <text> → DQ DQ DQ [" \r\n"] "\n" {[^ \r\n] | <escape_sequence>} DQ DQ DQ

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