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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> 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)
| <application>
<tapplication> → ((<applicationextended> <tname> EOL)
| <tvapplication>
<application> → ((<applicationhead> <applicationtail>)
| <applicationreversed>
<applicationreversedhead> → <reversed> "□" <applicationreversedfirst>
<applicationextended> → ((<applicationheadextended> <applicationtail>)
| <applicationreversed>
<applicationreversed> → <applicationreversedhead> [<applicationtail>]
<applicationhead> → <hmethod> | <applicable>
<applicationheadextended> → <vmethod> | <applicationhead>
<applicable> → "*" | <name> | "@"
<applicationargunbound> → "□" <applicationarg>
<applicationtailscoped> → {<applicationargunbound>} "□" <applicationargscoped>
<applicationtail> → {<applicationargunbound>} <as> }+ | {<applicationargunbound>} }+
<applicationreversedfirst> → <applicationarg>
<applicationarg> → <just> | <hmethod> | <scope>
<applicationargscoped> → <voids> <aname> <innersoreol>
<application> → ((<applicationhead> <onameortname> <applicationargs>) | (<reversed> <onameortname> <applicationargsreversed>)
<tvapplication> → ((<applicationhead> <tname> <applicationargs>) | (<reversed> <tname> <applicationargsreversed>)
<applicationhead> → <applicable> | <hmethod> | <vmethod> | <compacttuple>
<compacttuple> → ((<hmethod> | <applicable> | <reversed>) "□" "*" [<int>]
<applicationargs> → EOL TAB <applicationargspecific> UNTAB
<applicationargsreversed> → EOL TAB <applicationargunbound> [<applicationargspecific>] UNTAB
<applicationargspecific> → {<applicationargbound>} }+ | {<applicationargunbound>} }+
<applicationargbound> → ((<applicationargboundcurrent> EOL)
| <applicationargboundnext>
<applicationargboundcurrent> → (( "□" <applicationextended> "□") | <just> | <method> <as> [<oname>]) | ((<commentoptional> "□" <hanonym> "□" <as> [<fname>]))
<applicationargboundnext> → (<commentoptional> <voids> <as> [<fname>] <innersoreol>) | ((<applicationhead> <as> [<oname>] <applicationargs>) | (<reversed> <as> [<oname>] <applicationargsreversed>)
<applicationargunbound> → ((<applicationargboundcurrent> EOL)
| <applicationargboundnext>
<applicationargboundcurrent> → ((<applicationextended> | <just> | <method> [<oname>]) | ((<commentoptional> <hanonym> [<fname>]))
<applicationargboundnext> → <formationnamed> | ((<applicationhead> [<oname>] <applicationargs>) | (<reversed> [<oname>] <applicationargsreversed>)) | ((<applicationhead> | <applicationreversedhead> <applicationtailscoped>)
<formationnamed> → <commentoptional> <voids> [<fname>] <innersoreol>
<hformation> → <voids> {<hanonyminner>} }+
<hanonym> → <hformation> | ((<hmethod> | <application> | <hformation> | <just> {<onlyphitail>} }+)
<onlyphitail> → <arrow> <voids>
<hanonyminner> → "□" "□" ((<hmethod> | <application> | <hanonym> | <just>) <oname> "□"
<method> → <hmethod> | <vmethod>
<hmethod> → ((<just> | <scope>) {<methodtail>} }+
<vmethod> → ((<vmethodheadapplication> | ((<just> | <hanonym>) [<oname>] EOL) | <formationnamed>) <methodtail> {<vmethodheadapplicationtail> <methodtail>})
<vmethodheadapplicationtail> → ([<oname>] <applicationargs> | EOL) | ((<applicationtail> [<oname>] EOL)
<vmethodheadapplication> → ((<applicable> | <hmethod> [<oname>] <applicationargs>) | (<reversed> [<oname>] <applicationargsreversed>)
<methodtail> → " ." <finisher>
<beginner> → "*" | "Q" | "QQ" | "$" | <data>
<finisher> → <name> | "@" | ^
<reversed> → <finisher> ". "
<aname> → ">" ">" [!"]
<fname> → <oname> | ("□" <aname>)
<onameortname> → <oname> | <tname>
<oname> → <suffix> [!"]
<tname> → <tarrow> ("@" | <name>)
<tarrow> → "□" "+" ">" "□"
<suffix> → <arrow> ("@" | <name>) [!"]
<arrow> → "□" ">" "□"
<scope> → "□" ((<application> | <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> → "\{{" ([bttnfr]\{) | ([[0-3][0-7][0-7]] | ({"□" }+ <byte> <byte>))
<string> → DQ {[^"\{]\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\xF335)}
<text> → DQ DQ DQ {"\r" "□" "\n" {[^"\{]} <escape_sequence>)} DQ DQ DQ

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