

```
(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) → ((happlicationextended) ⟨onameortname⟩ EOL)
| (vapplication)
⟨tapplication⟩ → ((happlicationextended) ⟨tname⟩ EOL)
| (tvapplication)
⟨happlication⟩ → ((happlicationhead) ⟨happlicationtail⟩)
| (happlicationreversed)
⟨happlicationreversedhead⟩ → (reversed) "␣" ⟨happlicationreversedfirst⟩
⟨happlicationextended⟩ → ((happlicationheadextended) ⟨happlicationtail⟩)
| (happlicationreversed)
⟨happlicationreversed⟩ → (happlicationreversedhead) [(happlicationtail)]
⟨happlicationhead⟩ → (hmethod) | (applicable)
⟨happlicationheadextended⟩ → (vmethod) | ⟨happlicationhead⟩
⟨applicable⟩ → "*" | (name) | "@"
⟨happlicationargunbound⟩ → "␣" ⟨happlicationarg⟩
⟨happlicationtailscoped⟩ → {(happlicationargunbound)} "␣" ⟨happlicationargscoped⟩
⟨happlicationtail⟩ → {(happlicationargunbound) ⟨as⟩}+ | {(happlicationargunbound)}+
⟨happlicationreversedfirst⟩ → ⟨happlicationarg⟩
⟨happlicationarg⟩ → (just) | ⟨hmethod⟩ | ⟨scope⟩
⟨happlicationargscoped⟩ → (voids) ⟨aname⟩ ⟨innersoreol⟩
⟨vapplication⟩ → ((vapplicationhead) ⟨onameortname⟩ ⟨vapplicationargs⟩) | ((reversed) ⟨onameortname⟩ ⟨vapplicationargsreversed⟩)
⟨tvapplication⟩ → ((vapplicationhead) ⟨tname⟩ ⟨vapplicationargs⟩) | ((reversed) ⟨tname⟩ ⟨vapplicationargsreversed⟩)
⟨vapplicationhead⟩ → (applicable) | ⟨hmethod⟩ | ⟨vmethod⟩ | ⟨compacttuple⟩
⟨compacttuple⟩ → ((hmethod) | (applicable) | (reversed)) "␣" "*" [(int)]
⟨vapplicationargs⟩ → EOL TAB ⟨vapplicationargsspecific⟩ UNTAB
⟨vapplicationargsreversed⟩ → EOL TAB ⟨vapplicationargunbound⟩ [(vapplicationargsspecific)] UNTAB
⟨vapplicationargsspecific⟩ → {(vapplicationargbound)}+ | {(vapplicationargunbound)}+
⟨vapplicationargbound⟩ → ((vapplicationargboundcurrent) EOL)
| (vapplicationargboundnext)
⟨vapplicationargboundcurrent⟩ → (( " (" ⟨happlicationextended⟩ ")" ) | ⟨just⟩ | (method) ⟨as⟩ [(oname)] | ((commentoptional) "(" ⟨hanonym⟩ ")" ⟨as⟩ [(fname)]))
⟨vapplicationargboundnext⟩ → ((commentoptional) (voids) ⟨as⟩ [(fname)] ⟨innersoreol⟩) | ((vapplicationhead) ⟨as⟩ [(oname)] ⟨vapplicationargs⟩) | ((reversed) ⟨as⟩ [(oname)] ⟨vapplicationargsreversed⟩)
⟨vapplicationargunbound⟩ → ((vapplicationargunboundcurrent) EOL)
| (vapplicationargunboundnext)
⟨vapplicationargunboundcurrent⟩ → ((happlicationextended) | ⟨just⟩ | (method) [(oname)] | ((commentoptional) ⟨hanonym⟩ [(fname)]))
⟨vapplicationargunboundnext⟩ → (formationnamed) | ((vapplicationhead) [(oname)] ⟨vapplicationargs⟩) | ((reversed) [(oname)] ⟨vapplicationargsreversed⟩) | ((happlicationhead) | ⟨happlicationreversedhead⟩ ⟨happlicationtailscoped⟩)
⟨formationnamed⟩ → (commentoptional) (voids) [(fname)] ⟨innersoreol⟩
⟨hformation⟩ → (voids) {(hanonyminner)}+
⟨hanonym⟩ → (hformation) | ((hmethod) | (happlication) | (hformation) | ⟨just⟩ {(onlyphitail)}+)
⟨onlyphitail⟩ → (arrow) (voids)
⟨hanonyminner⟩ → "␣" "(" ((hmethod) | (happlication) | (hanonym) | ⟨just⟩) ⟨oname⟩ ")"
⟨method⟩ → (hmethod) | (vmethod)
⟨hmethod⟩ → ((just) | (scope)) {(methodtail)}+
⟨vmethod⟩ → ((vmethodheadvapplication) | ((⟨just⟩ | (hanonym)) [(oname)] EOL | (formationnamed) ⟨methodtail⟩ {(vmethodheadapplicationtail) (methodtail)}
⟨vmethodheadapplicationtail⟩ → (([oname]) ⟨vapplicationargs⟩ EOL | ((happlicationtail) [(oname)] EOL)
⟨vmethodheadvapplication⟩ → ((applicable) | (hmethod) [(oname)] ⟨vapplicationargs⟩) | ((reversed) [(oname)] ⟨vapplicationargsreversed⟩)
⟨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⟩ → "(" ((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⟩ → "\\{" (["btfnr" "\\{" | ([[[0-3] [0-7] [0-7] | ({ "u" }+ (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
```