1076. The global variable *adjust_tail* will be non-null if and only if the current box might include adjustments that should be appended to the current vertical list.

⟨ Append box *cur_box* to the current list, shifted by *box_context* 1076 ⟩ ≡
  begin if *cur_box* ≠ *null* **then**
    begin *shift_amount*(*cur_box*) ← *box_context*;
    if *abs*(*mode*) = *vmode* **then**
      begin *append_to_vlist*(*cur_box*);
      if *adjust_tail* ≠ *null* **then**
        begin if *adjust_head* ≠ *adjust_tail* **then**
          begin *link*(*tail*) ← *link*(*adjust_head*); *tail* ← *adjust_tail*;
          end;
        adjust_tail ← *null*;
        end;
      if *mode* > 0 **then** *build_page*;
      end
    else begin if *abs*(*mode*) = *hmode* **then** *space_factor* ← 1000
      else begin *p* ← *new_noad*; *math_type*(*nucleus*(*p*)) ← *sub_box*; *info*(*nucleus*(*p*)) ← *cur_box*;
      cur_box ← *p*;
      end;
      link(*tail*) ← *cur_box*; *tail* ← *cur_box*;
      end;
    end;
  end

This code is used in section 1075.

1077. ⟨ Store *cur_box* in a box register 1077 ⟩ ≡
  if *box_context* < *box_flag* + 256 **then** *eq_define*(*box_base* − *box_flag* + *box_context*, *box_ref*, *cur_box*)
  else *geq_define*(*box_base* − *box_flag* − 256 + *box_context*, *box_ref*, *cur_box*)
This code is used in section 1075.

1078. ⟨ Append a new leader node that uses *cur_box* 1078 ⟩ ≡
  begin ⟨ Get the next non-blank non-relax non-call token 404 ⟩;
  if ((*cur_cmd* = *hskip*) ∧ (*abs*(*mode*) ≠ *vmode*)) ∨ ((*cur_cmd* = *vskip*) ∧ (*abs*(*mode*) = *vmode*)) **then**
    begin *append_glue*; *subtype*(*tail*) ← *box_context* − (*leader_flag* − *a_leaders*);
    leader_ptr(*tail*) ← *cur_box*;
    end
  else begin *print_err*("Leaders␣not␣followed␣by␣proper␣glue");
    help3("You␣should␣say␣`\leaders␣<box␣or␣rule><hskip␣or␣vskip>´.")
    ("I␣found␣the␣<box␣or␣rule>,␣but␣there´s␣no␣suitable")
    ("<hskip␣or␣vskip>,␣so␣I´m␣ignoring␣these␣leaders."); *back_error*; *flush_node_list*(*cur_box*);
    end;
  end

This code is used in section 1075.