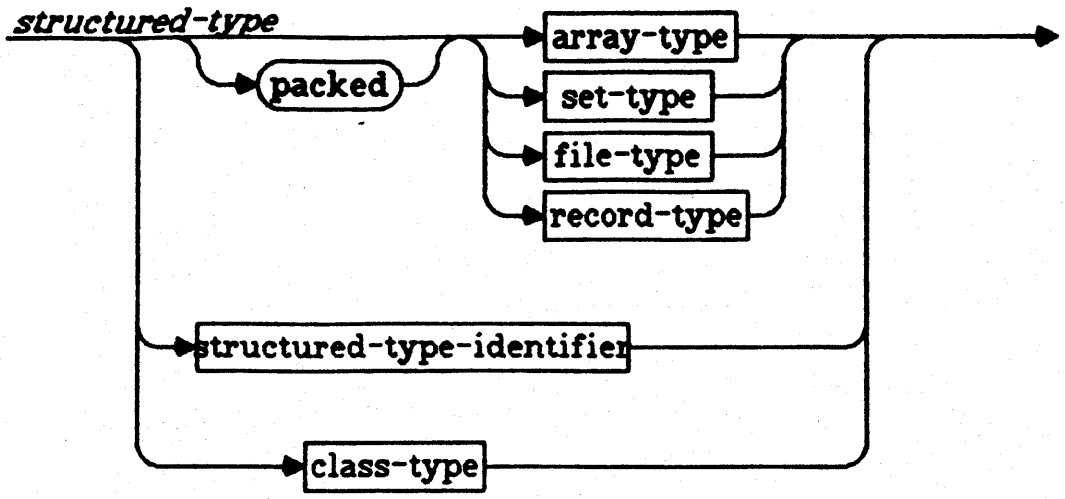
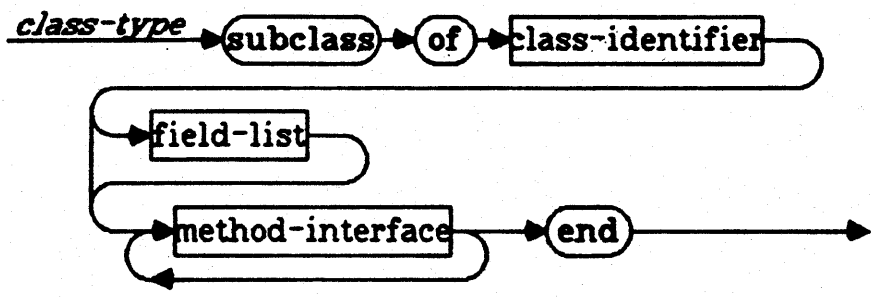
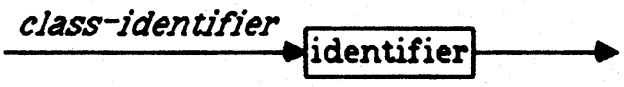
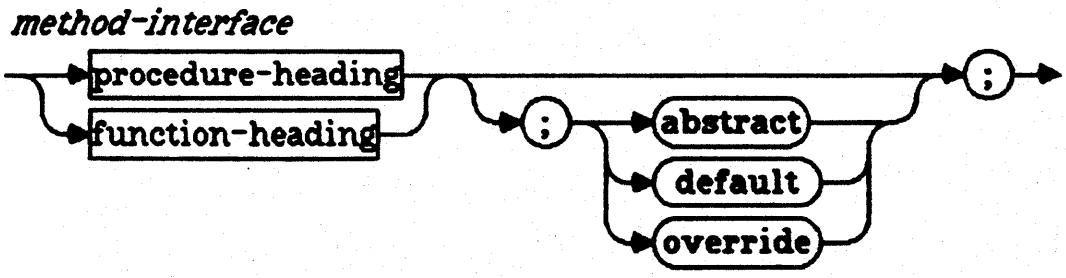
Clascal Syntax Diagrams
Preface

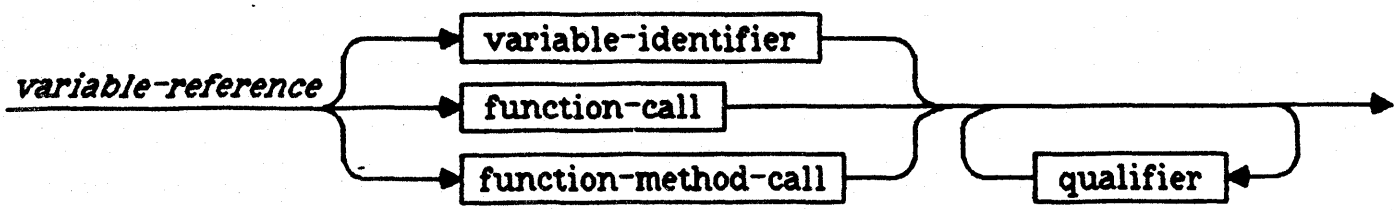
The following three pages define the syntax of the final version of Clascal.

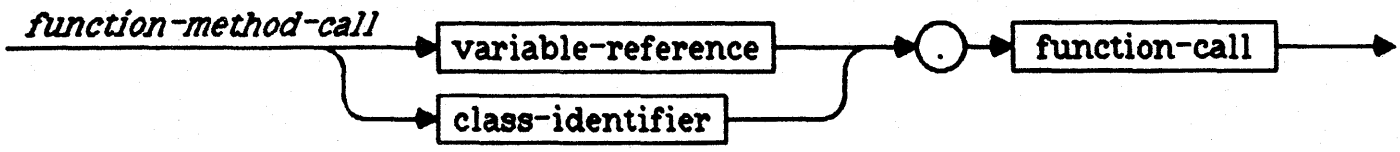

structured-type
packed
array-type
set-type
file-type
record-type
structured-type-identifier
class-type

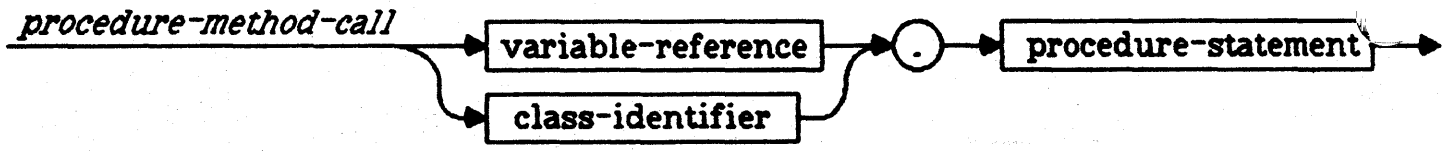

class-type
subclass
of
class-identifier
field-list
method-interface
end

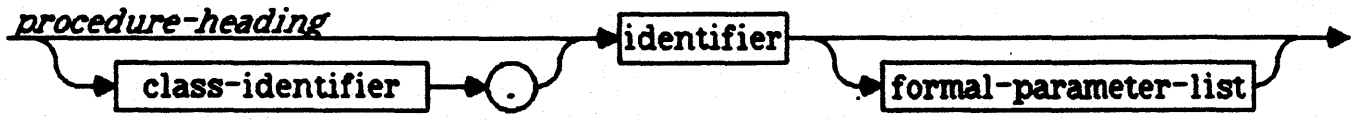

class-identifier
identifier

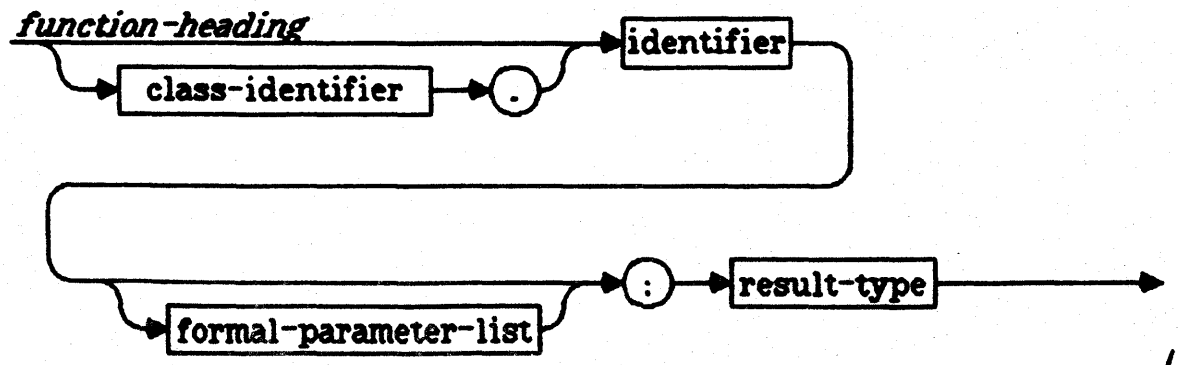

method-interface
procedure-heading
function-heading
;
abstract
default
override
;

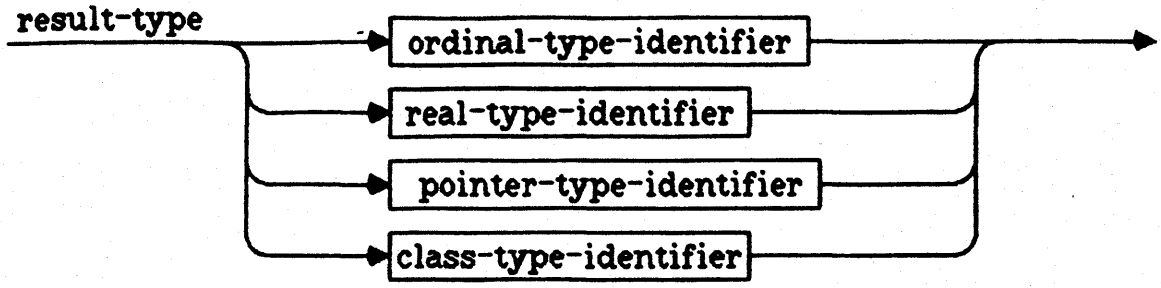

variable-reference
variable-identifier
function-call
function-method-call
qualifier

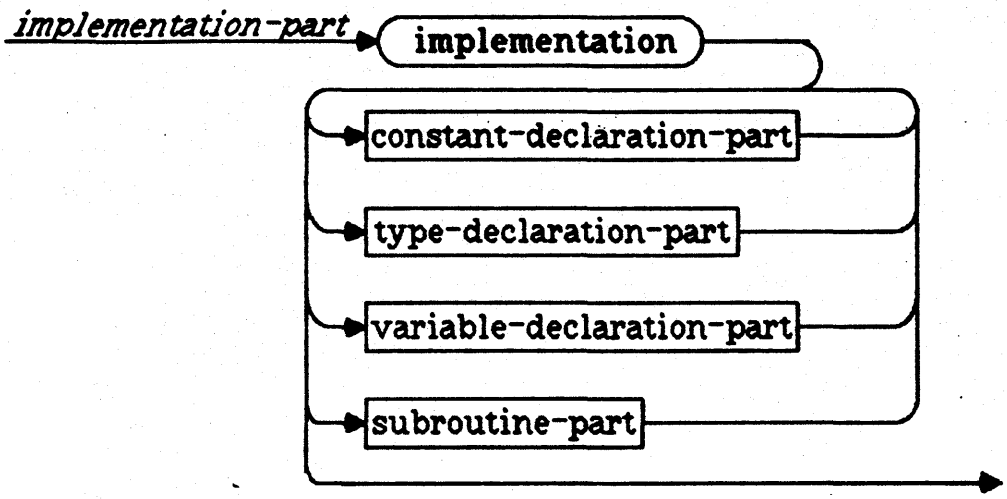

function-method-call
variable-reference
class-identifier
.
function-call

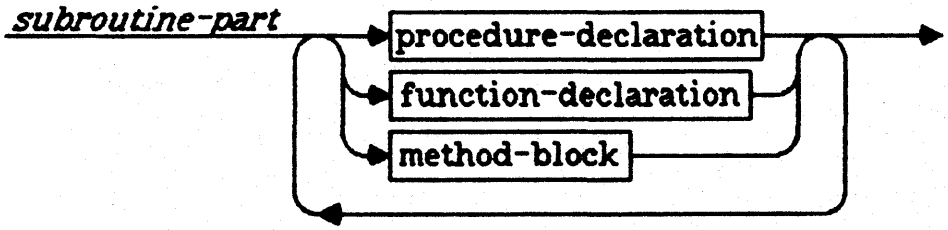

procedure-method-call
variable-reference
class-identifier
.
procedure-statement

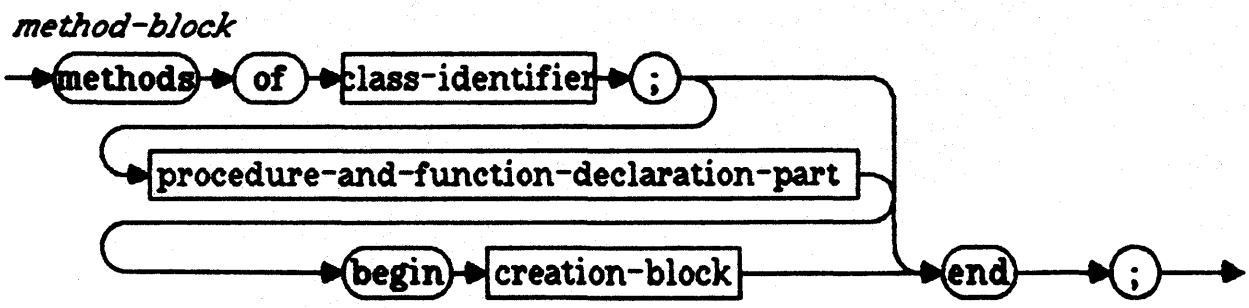

procedure-heading
class-identifier
.
identifier
formal-parameter-list


function-heading
class-identifier
.
identifier
formal-parameter-list
:
result-type


result-type
ordinal-type-identifier
real-type-identifier
pointer-type-identifier
class-type-identifier


implementation-part
implementation
constant-declaration-part
type-declaration-part
variable-declaration-part
subroutine-part


subroutine-part
procedure-declaration
function-declaration
method-block


method-block
methods
of
class-identifier
;
procedure-and-function-declaration-part
begin
creation-block
end
;

creation-block
block