

expression

ANALYZER

root

EXPRESSION_
SET_CLOSE_TAG

EXPRESSION_PLACEHOLDER

feature {EXPRESSION_PLACEHOLDER}
expression: EXPRESSION

special

EXPRESSION

feature

get_evaluated: EXPRESSION

get_type: STRING

is_empty_node: BOOLEAN

is_equal (other: like Current): BOOLEAN
-- Is 'other' attached to an object considered
-- equal to current object?

is_nil: BOOLEAN

is_type_correct: BOOLEAN

out: STRING
-- New string containing terse printable representation
-- of current object

set_expression (e: EXPRESSION)

EXPRESSION_UNARY_OP

feature {EXPRESSION_UNARY_OP}
operation: OPERATION_UNARY
right_expression: EXPRESSION

feature
make_unary_op(o: OPERATION_UNARY)

EXPRESSION_BINARY_OP

feature {EXPRESSION_BINARY_OP}
operation: OPERATION_BINARY
left_expression: EXPRESSION
right_expression: EXPRESSION

feature
make_binary_op(o: OPERATION_BINARY)

EXPRESSION_SET_ENUMERATION

feature {EXPRESSION_SET_ENUMERATION}
set: ARRAYED_LIST[EXPRESSION]
completed: BOOLEAN

feature
make_set_enumeration

feature
union(other: like Current): EXPRESSION
intersect(other: like Current): EXPRESSION
difference(other: like Current): EXPRESSION

non-constant
class

EXPRESSION_BOOLEAN_CONSTANT

feature {EXPRESSION_BOOLEAN_CONSTANT}
true_or_false: BOOLEAN

feature
make_boolean(b: BOOLEAN)
get_boolean: BOOLEAN

EXPRESSION_INTEGER_CONSTANT

feature {EXPRESSION_INTEGER_CONSTANT}
digit: INTEGER

feature
make_digit(d: INTEGER)
get_integer: INTEGER

constant
class