```
- symb_name
     symb_type
     - symb attrs
     - symb_id
     + Symbol()
     + Symbol()
     + Symbol()
     + ~Symbol()
     + operator=()
     + get_name()
     + get_type()
     + get_id()
     + get_attrs()
     + get_attribute()
     + set_name()
     + set_type()
     + set_id()
     + add_attr()
     + is_non_terminal()
     + to_string()
     + equals()
     + key()

    copy()

     destroy()
               ag_initial_symb
 genevalmag::Attr_grammar
- ag_sort

    ag_func

- ag attr

    ag_symb_terminals

ag_symb_non_terminals

    ag rule

count_eqs
                                       genevalmag::Semantics_checks
- ag_initial_symb

    precedence_level

+ Attr_grammar()
                                      index_syntax_order
+ ~Attr_grammar()
+ add_sort()
                                      + Semantics_checks()
+ add_function()
                                      + ~Semantics_checks()
+ add_attribute()
                                      + get_precedence_level()
+ add_symbol()
                                      + get_index_syntax_order()
+ add_rule()
                                      + increment_precedence_level()
+ return_sort()
                                      + decrement_precedence_level()
+ get_sorts()
                                      + increment_index_syntax_order()
                                      + reset_semantic_context()
+ get_function()
+ get_functions()
                                      + correct_precedence()
+ get_symbol()
                                      + correct_associativity()
                                      + check_all_defined_non_terminal()
+ get_rules()
                                      + check_reachability()
+ get_rule()
                                      + check_well_defined_AG()
+ get_non_terminal_symbols()
+ get_initial_symb()
                                      correct_subtree()
+ get_rules_with_left_symbol()
+ get_index_eq_with_context()
+ get_eq()
+ get_eq_l_value()
+ get_count_eqs()
+ to_string()
load_attributes()
defined_rule()
                                 attr_grammar sem_check
                                 genevalmag::Parser_AG
                                 - attr_grammar
                                 - sem_check
                                 + Parser_AG()
                                 + ~Parser_AG()
                                 + get_attr_grammar()
                                 + parse_grammar()
                                 + save_grammar_file()
```

genevalmag::Symbol