```
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

    ag_initial_symb

      + Attr_grammar()
      + ~Attr_grammar()
      + add_sort()
      + add_function()
      + add_attribute()
      + add_symbol()
      + add_rule()
      + return_sort()
      + get_sorts()
      + get_function()
      + get_functions()
      + get_symbol()
      + get_rules()
      + get_rule()
      + get_non_terminal_symbols()
      + get_initial_symb()
      + 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
                                 genevalmag::Builder_graphs

    attr_grammar

                              p_Dp_graphs
                               attr_vertex_graphs
                              p_Down_graphs
                              p_Dcg_graphs
                              p_Adp_graphs
                              p_Adp_subgraphs_cyclics
                              + Builder_graphs()
                              + ~Builder_graphs()
                              + get_adp_graphs()
                              + get_cyclic_graphs()
                              + get_dcg_graph()
            attr_grammar
                              + compute_dependency_graphs()
                              + compute_down_graph()
                              + compute_dcg()
                              + compute_adp_graph()
                              + check_cyclic_adp_dependencies()
                              + save_all_graphs()
                              + save_cyclic_graphs()
                              + save_dp_graphs()
                              + save_down_graphs()
                              + save_dcg_graphs()
                              + save_adp_graphs()
                              compute_attr_vertex()
                              complete_dp_graphs()
                              combined_inf_contexts()
                                            build_graphs
                           genevalmag::Builder_plans

    attr_grammar

                          contexts_uniques
                           eval_plans
                           plans_uniques
                           plans_project
                           plans_project_uniques
                          init_order_ag
                          - build_graphs
                          + Builder_plans()
                          + ~Builder_plans()
                          + build_plans()
                          + save_all_plans()
                          + save_all_plans_project()
                          + get_context_unique()
attr_grammar
                          + get_contexts_uniques()
                          + get_plans()
                          + get_plans_uniques()
                          + get_plans_project()
                          + get_plans_project_uniques()
                          + get_init_order()
                          + get_index_plan()
                          + get_plan_project()
                          + save_all_graphs()
                          + save_cyclic_graphs()
                          generates_topological_order()
                          compute_order()
                          generate_plans()
                          generate_graphs()
                          return_index_context()
                          return_index_plan()
                          - return_index_plan_p()
                                             b_plans
                            genevalmag::Builder_visit_sequences

    b_plans

                            attr_grammar
                            all_visit_seqs
                            + Builder_visit_sequences()
                 b_plans
                             + ~Builder_visit_sequences()
                             + generate_visit_sequences()
                             + get_visit_seq()
                            + print_all_visit_sequences()
                            gen_visit_seq()
                             update_visit_sequence()
                                    b_v_seq
  genevalmag::Builder_code
- attr_grammar
- b_plans
- b_v_seq
 path_output
- file_name
+ Builder_code()
+ ~Builder_code()
+ generate_code()
- generate_header_file()
- generate_footer_header()
generate_code_file()
generate_structs()
- generate_constructor()
generate_methods()
- generate_footer_code()
- generate_print()
- generate_translate()
generate_traverse()
generate_all_compute_eq()
generate_evaluator()
generate_eval_visiter()
- generate_add_plan()
- generate_add_plan_project()
- generate_all_methods_eqs()
generate_initialize_rules()
generate_initialize_v_seq()
```

- generate\_initialize\_context()- generate\_initialize\_plans()- generate\_initialize\_plan\_proj()

attr\_grammar

genevalmag::Symbol

symb\_name