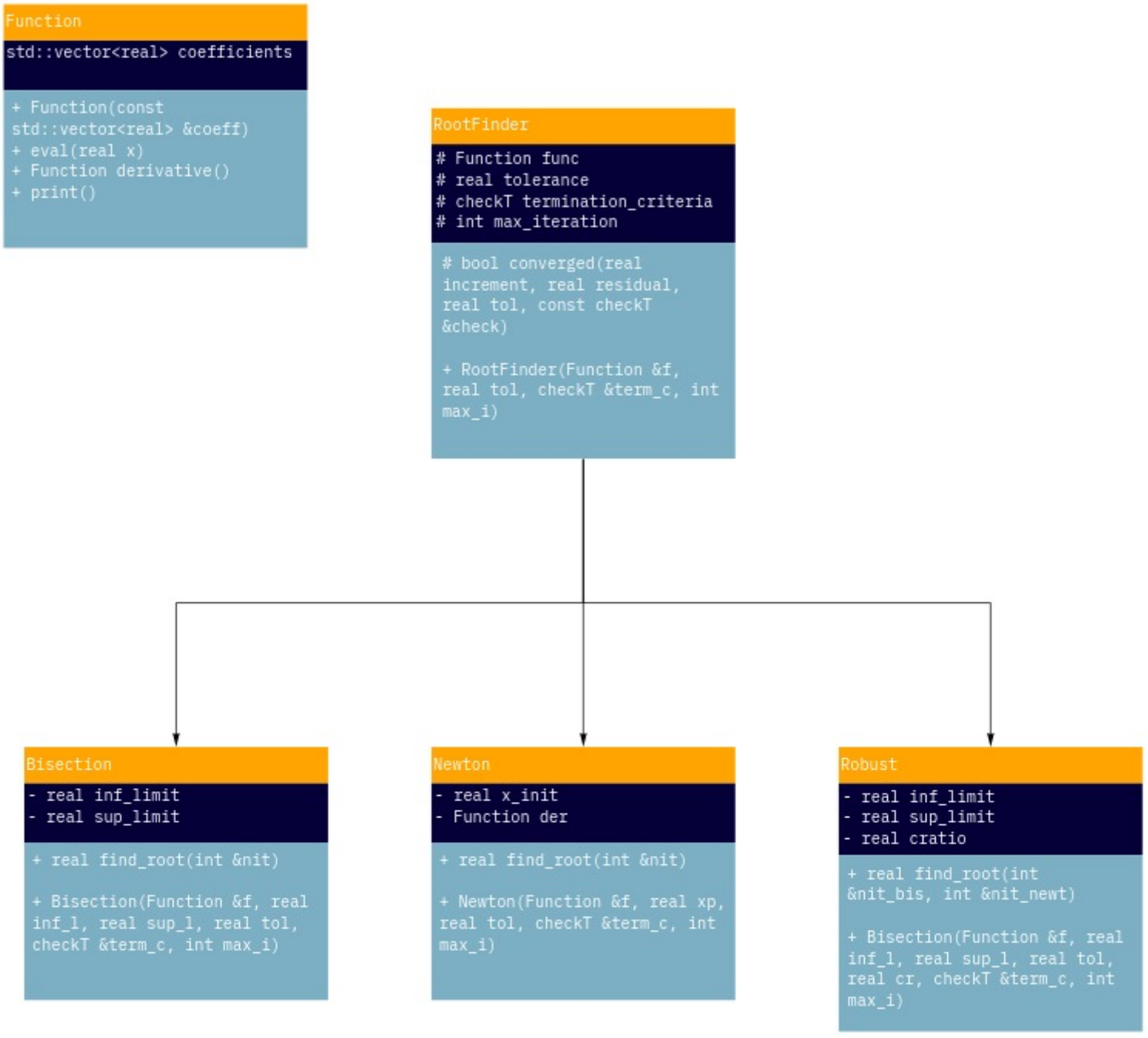
Function
std::vector<real> coefficients
+ Function(const std::vector<real> &coeff)
+ eval(real x)
+ Function derivative()
+ print()
RootFinder
Function func
real tolerance
checkT termination_criteria
int max_iteration
bool converged(real increment, real residual, real tol, const checkT &check)
+ RootFinder(Function &f, real tol, checkT &term_c, int max_i)
Bisection
- real inf_limit
- real sup_limit
+ real find_root(int &nit)
+ Bisection(Function &f, real inf_l, real sup_l, real tol, checkT &term_c, int max_i)
Newton
- real x_init
- Function der
+ real find_root(int &nit)
+ Newton(Function &f, real xp, real tol, checkT &term_c, int max_i)
Robust
- real inf_limit
- real sup_limit
- real cratio
+ real find_root(int &nit_bis, int &nit_newt)
+ Bisection(Function &f, real inf_l, real sup_l, real tol, real cr, checkT &term_c, int max_i)