```
c2 function< float
             _type >
# sampling_grid
# no_overwrite_grid
# fXMin
# fXMax
# evaluations
# bad_x_point
+ cvs header vers()
+ cvs_file_vers()
+ ~c2_function()
+ value with derivatives()
+ operator()()
+ operator()()
+ find_root()
+ partial integrals()
+ integral()
+ adaptively_sample()
+ xmin()
+ xmax()
+ set_domain()
+ get evaluations()
+ reset_evaluations()
+ increment_evaluations()
+ check_monotonicity()
+ set_sampling_grid()
+ get sampling grid pointer()
+ get_sampling_grid()
+ preen_sampling_grid()
+ refine_sampling_grid()
+ normalized function()
+ square_normalized_function()
+ square_normalized_function()
+ operator+()
+ operator-()
+ operator*()
+ operator/()
+ operator()()
+ get_trouble_point()
+ claim_ownership()
+ release_ownership_for
return()
+ release_ownership()
+ count_owners()
+ fill_fblock()
# c2_function()
# c2 function()
# set_sampling_grid_pointer()
   c2_recip_p< float_type >
  + c2_recip_p()
  + value_with_derivatives()
   + reset()
```