```
c2 function< float
                type >
# sampling grid
# no overwrite grid
# fXMin
# fXMax
# evaluations
# bad_x_point
+ cvs_header_vers()
 cvs_file_vers()
~c2_function()
+ CVS
+ 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_
+ get_sampling_grid()
                           _pointer()
+ 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()
                  Δ
   c2 inverse
                  function
          _p< float_type >
   # start hint
   # func
   # hinting function
   + c2_inverse_function_p()
   + value with derivatives()
   + set_start_hint()
+ get_start_hint()
   + set_hinting_function()
+ set_hinting_function()
# c2_inverse_function_p()
```