

INI file

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netcdf croco_ini {
dimensions:
    xi_u = 954 ;
    xi_v = 955 ;
    xi_rho = 955 ;
    eta_u = 500 ;
    eta_v = 499 ;
    eta_rho = 500 ;
    s_rho = 37 ;
    s_w = 38 ;
    tracer = 2 ;
    time = UNLIMITED ; // (1 currently)
    one = 1 ;
variables:
    char spherical(one) ;
    int Vtransform(one) ;
        Vtransform:long_name = "vertical terrain-following transformation equation" ;
    int Vstretching(one) ;
        Vstretching:long_name = "vertical terrain-following stretching function" ;
    double tstart(one) ;
        tstart:long_name = "start processing day" ;
        tstart:units = "day" ;
    double tend(one) ;
        tend:long_name = "end processing day" ;
        tend:units = "day" ;
    double theta_s(one) ;
        theta_s:long_name = "S-coordinate surface control parameter" ;
        theta_s:units = "nondimensional" ;
    double theta_b(one) ;
        theta_b:long_name = "S-coordinate bottom control parameter" ;
        theta_b:units = "nondimensional" ;
    double Tcline(one) ;
        Tcline:long_name = "S-coordinate surface/bottom layer width" ;
        Tcline:units = "meter" ;
    double hc(one) ;
        hc:long_name = "S-coordinate parameter, critical depth" ;
        hc:units = "meter" ;
    double sc_r(s_rho) ;
        sc_r:long_name = "S-coordinate at RHO-points" ;
        sc_r:units = "nondimensional" ;
        sc_r:valid_min = -1. ;
        sc_r:valid_max = 0. ;
    double Cs_r(s_rho) ;
        Cs_r:long_name = "S-coordinate stretching curves at RHO-points" ;
        Cs_r:units = "nondimensional" ;
        Cs_r:valid_min = -1. ;
        Cs_r:valid_max = 0. ;
    double ocean_time(time) ;
        ocean_time:long_name = "time since initialization" ;
        ocean_time:units = "second" ;
    double scrum_time(time) ;
        scrum_time:long_name = "time since initialization" ;
        scrum_time:units = "second" ;
    double u(time, s_rho, eta_u, xi_u) ;
        u:long_name = "u-momentum component" ;
        u:units = "meter second-1" ;
    double v(time, s_rho, eta_v, xi_v) ;
        v:long_name = "v-momentum component" ;
        v:units = "meter second-1" ;
    double ubar(time, eta_u, xi_u) ;
        ubar:long_name = "vertically integrated u-momentum component" ;
        ubar:units = "meter second-1" ;
    double vbar(time, eta_v, xi_v) ;
        vbar:long_name = "vertically integrated v-momentum component" ;
        vbar:units = "meter second-1" ;
    double zeta(time, eta_rho, xi_rho) ;
        zeta:long_name = "free-surface" ;
        zeta:units = "meter" ;
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double temp(time, s_rho, eta_rho, xi_rho) ;
    temp:long_name = "potential temperature" ;
    temp:units = "Celsius" ;
double salt(time, s_rho, eta_rho, xi_rho) ;
    salt:long_name = "salinity" ;
    salt:units = "PSU" ;

// global attributes:
    :title = "Climatology" ;
    :date = "14-Oct-2022" ;
    :clim_file = "/croco/Run_Trop_Atl/CROCO_FILES/croco_ini.nc" ;
    :grd_file = "/croco/Run_Trop_Atl/CROCO_FILES/croco_grd.nc" ;
    :type = "INITIAL file" ;
    :history = "CROCO" ;

data:
    scrum_time = 157852800 ;
    ocean_time = 157852800 ;
    tstart = 1827 ;
    tend = 1827 ;
}
```