

Rhs

Class_Rhs

```
-num_dim: integer
-rhs_density_type: integer
-rhs_force_type: integer
-phys: Physics,pointer
+rhs_new()
-rhs_init(out this:Rhs,in d_rhs_density_type:integer,in d_rhs_force_type:integer,
          in phys:Physics,out stat_info:integer)
+rhs_density_ff(in this:Rhs,in mj:real,in w:real,out contribute:real,
                out stat_info:integer)
-rhs_density_phys_ff(in this:Rhs,in mj:real,in w:real,out contribute:real,
                    out stat_info:integer)
-rhs_density_num_ff(in this:Rhs,out w:real,out contribute:real,
                   out stat_info:integer)
+rhs_force_ff(in this:Rhs,in xi:real(:),in xj:real(:),in rij:real,
              in vi:real(:),in vj:real(:),in rhoi:real,in rhoj:real,
              in pi:real,in pj:real,in mi:real,in mj:real,in w:real,
              in gradw:real,out fij:real(:),pointer,out stat_info:integer)
fluid-fluid particle interaction
-rhs_force_ff_Morris(in this:Rhs,in xi:real(:),in xj:real(:),
                    in rij:real,in vi:real(:),in vj:real(:),
                    in rhoi:real,in rhoj:real,in pi:real,in pj:real,
                    in mj:real,in w:real,in gradw:real,out fij:real(:),
                    pointer,out stat_info:integer)
-rhs_force_ff_Espanol(in this:Rhs,in xi:real(:),in xj:real(:),
                     in vi:real(:),in vj:real(:),in numdeni:real(:),
                     in numdenj:real(:),in pi:real,in pj:real,
                     in mi:real,out fij:real(:),pointer,out stat_info:integer)
-rhs_force_ff_Hu(out stat_info:integer)
+rhs_finalize(in this:Rhs,out stat_info:integer)
```