

<div>Kernel</div> <div><i>Class_Kernel</i></div>
<div>-num_dim: integer</div> <div>-kernel_type: integer</div> <div>-smooth_length: real</div>
<div>+kernel_new()</div> <div>-kernel_init(out this:Kernel,in d_num_dim:integer,in d_kernel_type:integer, in d_smooth_length:real,out stat_info:integer)</div> <div>+kernel_kernel(in this:Kernel,in rij:real,out w:real,out gradw:real, out stat_info:integer)</div> <div>-kernel_quintic_spline_3d(in this:Kernel,in rij:real,out w:real, out gradw:real,out stat_info:integer)</div> <div>+kernel_display_parameters(in this:Kernel,out stat_info:integer)</div> <div>+kernel_finalize(in this:Kernel,out stat_info:integer)</div> <div>+kernel_get_kernel_type(in this:Kernel,out stat_info:integer): integer</div> <div>+kernel_get_smooth_length(in this:Kernel,out stat_info:integer): real</div> <div>+kernel_get_num_dim(in this:Kernel,out stat_info:integer): integer</div>