ClothModifier(Modifier)

base classes — `bpy_struct`, `Modifier`

class bpy.types.**ClothModifier(Modifier)**

Cloth simulation modifier

collision_settings

TYPE:

`ClothCollisionSettings`, (readonly, never None)

hair_grid_max

TYPE:

float array of 3 items in [-inf, inf], default (0.0, 0.0, 0.0), (readonly)

hair_grid_min

TYPE:

float array of 3 items in [-inf, inf], default (0.0, 0.0, 0.0), (readonly)

hair_grid_resolution

TYPE:

int array of 3 items in [-inf, inf], default (0, 0, 0), (readonly)

point_cache

TYPE:

`PointCache`, (readonly, never None)

settings

TYPE:

`ClothSettings`, (readonly, never None)

solver_result

TYPE:

`ClothSolverResult`, (readonly)

classmethod bl_rna_get_subclass(id, default=None)

PARAMETERS:

id (*str*) – The RNA type identifier.

RETURNS:

The RNA type or default when not found.

RETURN TYPE:

`bpy.types.Struct` subclass

classmethod bl_rna_get_subclass_py(id, default=None)

PARAMETERS:

id (*str*) – The RNA type identifier.

RETURNS:

The class or default when not found.

RETURN TYPE:

type

Inherited Properties

- bpy_struct.id_data
- Modifier.name
- Modifier.type
- Modifier.show_viewport
- Modifier.show_render
- Modifier.show_in_editmode
- Modifier.show_on_cage
- Modifier.show_expanded
- Modifier.is_active
- Modifier.use_pin_to_last
- Modifier.is_override_data
- Modifier.use_apply_on_spline
- Modifier.execution_time
- Modifier.persistent_uid

Inherited Functions

- bpy_struct.as_pointer
- bpy_struct.driver_add
- bpy_struct.driver_remove
- bpy_struct.get
- bpy_struct.id_properties_clear
- bpy_struct.id_properties_ensure
- bpy_struct.id_properties_ui
- bpy_struct.is_property_hidden
- bpy_struct.is_property_overridable_library
- bpy_struct.is_property_readonly
- bpy_struct.is_property_set
- bpy_struct.items
- bpy_struct.keyframe_delete
- bpy_struct.keyframe_insert
- bpy_struct.keys
- bpy_struct.path_from_id
- bpy_struct.path_resolve
- bpy_struct.pop
- bpy_struct.property_overridable_library_set
- bpy_struct.property_unset
- bpy_struct.type_recast
- bpy_struct.values
- Modifier.bl_rna_get_subclass
- Modifier.bl_rna_get_subclass_py

References

- bpy.context.cloth
- ParticleSystem.cloth

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