ClothSolverResult(bpy_struct)

base class — `bpy_struct`

class bpy.types.**ClothSolverResult(bpy_struct)**

Result of cloth solver iteration

avg_error

Average error during substeps

TYPE:

float in [-inf, inf], default 0.0, (readonly)

avg_iterations

Average iterations during substeps

TYPE:

float in [-inf, inf], default 0.0, (readonly)

max_error

Maximum error during substeps

TYPE:

float in [-inf, inf], default 0.0, (readonly)

max_iterations

Maximum iterations during substeps

TYPE:

int in [-inf, inf], default 0, (readonly)

min_error

Minimum error during substeps

TYPE:

float in [-inf, inf], default 0.0, (readonly)

min_iterations

Minimum iterations during substeps

TYPE:

int in [-inf, inf], default 0, (readonly)

status

Status of the solver iteration

- `SUCCESS` Success – Computation was successful.
- `NUMERICAL_ISSUE` Numerical Issue – The provided data did not satisfy the prerequisites.
- `NO_CONVERGENCE` No Convergence – Iterative procedure did not converge.
- `INVALID_INPUT` Invalid Input – The inputs are invalid, or the algorithm has been improperly called.

TYPE:

enum set in {'SUCCESS', 'NUMERICAL_ISSUE', 'NO_CONVERGENCE', 'INVALID_INPUT'}, default {'SUCCESS'}, (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`

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`

References

- `ClothModifier.solver_result`

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ClothSettings(bpy_struct)

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