

@ name xs:string

Joint [0..1] JointElement



choice

JointElement

all

type	Joint-Type	
limits	Limits-Type	⌵
axis	Translation-Type	⌵
translationdirection	Translation-Type	⌵
maxvelocity	Velocity-Type	⌵
maxacceleration	Acceleration-Type	⌵
maxtorque	Torque-Type	⌵

Physics [0..1] PhysicsElement

PhysicsElement

all

Mass	xs:decimal	
CoM [0..1]	Com-Type	⌵
InertiaMatrix [0..1]	InertiaMatrix-Type	⌵

Visualization [0..1] VisualizationElement

VisualizationElement

all

enable	xs:boolean	
useAsCollisionModel	xs:boolean	
File [0..1]	File-Type	⌵
CoordinateAxis [0..1]	Coordinate-Type	⌵

CollisionModel [0..1] CollisionElement

CollisionElement

all

enable	xs:boolean	
File [0..1]	Col-File-Type	⌵

Transform [0..1] Transform-Type

Transform-Type

all

matrix4x4 [0..1]	Matrix4x4-Type	⌵
matrix3x3 [0..1]	Matrix3x3-Type	⌵
rollpitchyaw [0..1]	RollPitchYaw-Type	⌵
quaternion [0..1]	Quaternion-Type	⌵
translation [0..1]	Translation-Type	⌵
dh [0..1]	DH-Type	⌵

Sensor [0..1] SensorElement

SensorElement

all

name	xs:string	
type	xs:string	
Transform [0..1]	Transform-Type	⌵

Child [0..*]

name xs:string

ChildFromRobot [0..*]

importEEF	xs:boolean	
file	File-Type	⌵