

@ 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 ⌵

propagatejointvalue [0..1] PropagateJointValue-Type ⌵

Physics [0..1] PhysicsElement ⌵

Physics...

all

Mass xs:decimal

CoM [0..1] Com-Type ⌵

InertiaMatrix [0..1] InertiaMatrix-Type ⌵

Visualization [0..1] VisualizationElement ⌵

VisualizationEle...

@ enable xs:boolean

@ useAsCollisionModel xs:boolean

all

File [0..1] File-Type ⌵

Primitives [0..1] Primitive-Type ⌵

CoordinateAxis [0..1] Coordinate-Type ⌵

CollisionModel [0..1] CollisionElement ⌵

Collisioni...

@ enable xs:boolean

all

File [0..1] Col-File-Type ⌵

Primitives [0..1] Primitive-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..*] SensorElement ⌵

Senso...

@ name xs:string

@ type xs:string

all

Transform [0..1] Transform-Type ⌵

Child [0..*] ⌵

@ name xs:string

ChildFromRobot [0..*] ⌵

@ importEEF xs:boolean

all

file File-Type ⌵