

Class Name for Scripting	Name used in C++ code, Doxygen
Vec2	SimTK::Vec<2>
Vec3	SimTK::Vec<3>
Vec4	SimTK::Vec<4>
Vec6	SimTK::Vec<6>
Mat33	SimTK::Mat<3, 3>
Vector	SimTK::Vector_<double>
Matrix	SimTK::Matrix_<double>
SpatialVec	SimTK::Vec<2, Vec3>
VectorOfSpatialVec	SimTK::Vector_<SpatialVec>
VectorOfVec3	SimTK::Vector_<Vec3>
Rotation	SimTK::Rotation_<double>
InverseRotation	SimTK::InverseRotation_<double>
Transform	SimTK::Transform_<double>
Inertia	SimTK::Inertia_<double>
MassProperties	SimTK::MassProperties_<double>
ArrayCoordinateReference	SimTK::Array_<OpenSim::CoordinateReference>
SimTKArrayDouble	SimTK::Array_<double>
SimTKArrayVec3	SimTK::Array_<SimTK::Vec3>
SetGeometry	OpenSim::Set<OpenSim::DisplayGeometry>
SetFunctions	OpenSim::Set<OpenSim::Function>
ArrayXYPoint	OpenSim::Array<XYPoint>
ArrayBool	OpenSim::Array<bool>
ArrayDouble	OpenSim::Array<double>
ArrayInt	OpenSim::Array<int>
ArrayStr	OpenSim::Array<std::string>
SetScales	OpenSim::Set<OpenSim::Scale>
SetModelComponents	OpenSim::Set<OpenSim::ModelComponent>
ModelComponentSetModelComponent	OpenSim::ModelComponentSet<OpenSim::ModelComponent>

SetMuscles	OpenSim::Set<OpenSim::Muscle>
SetForces	OpenSim::Set<OpenSim::Force>
ModelComponentSetForces	OpenSim::ModelComponentSet<OpenSim::Force>
SetExternalForces	OpenSim::Set<OpenSim::ExternalForce>
SetControllers	OpenSim::Set<OpenSim::Controller>
ModelComponentSetControllers	OpenSim::ModelComponentSet<OpenSim::Controller>
ModelComponentSetExternalForces	OpenSim::ModelComponentSet<OpenSim::ExternalForce>
SetContactGeometry	OpenSim::Set<OpenSim::ContactGeometry>
ModelComponentSetContactGeometry	
SetActuators	OpenSim::Set<OpenSim::Actuator>
SetAnalysis	OpenSim::Set<OpenSim::Analysis>
SetControls	OpenSim::Set<OpenSim::Control>
SetControlNodes	OpenSim::ArrayPtrs<OpenSim::ControlLinearNode>
SetMarkers	OpenSim::Set<OpenSim::Marker>
SetWrapObject	OpenSim::Set<OpenSim::WrapObject>
SetPathWrap	OpenSim::Set<OpenSim::PathWrap>
SetCoordinates	OpenSim::Set<OpenSim::Coordinate>
ModelComponentSetCoordinates	OpenSim::ModelComponentSet<OpenSim::Coordinate>
SetBodies	OpenSim::Set<OpenSim::Body>
ModelComponentSetBodies	OpenSim::ModelComponentSet<OpenSim::Body>
SetBodyScales	OpenSim::Set<OpenSim::BodyScale>
SetJoints	OpenSim::Set<OpenSim::Joint>
ModelComponentSetJoints	OpenSim::ModelComponentSet<OpenSim::Joint>
SetConstraints	OpenSim::Set<OpenSim::Constraint>
ModelComponentSetConstraints	OpenSim::ModelComponentSet<OpenSim::Constraint>
SetProbes	OpenSim::Set<OpenSim::Probe>
ModelComponentSetProbes	OpenSim::ModelComponentSet<OpenSim::Probe>
SetPathPoint	OpenSim::Set<OpenSim::PathPoint>
ArrayPathPoint	OpenSim::Array<OpenSim::PathPoint*>
ArrayPointForceDirection	OpenSim::Array<OpenSim::PointForceDirection*>

ReferenceVec3	OpenSim::Reference_<SimTK::Vec3>	
ReferenceDouble	OpenSim::Reference_<double>	
SetIKTasks	OpenSim::Set<OpenSim::IKTask>	
SetMarkerWeights	OpenSim::Set<MarkerWeight>	
SetMarkerPairs	OpenSim::Set<OpenSim::MarkerPair>	
SetMeasurements	OpenSim::Set<OpenSim::Measurement>	