

## 2 InternalElement with Attributes

Short Description	<p>This example shows a simple AutomationML document (2.0) which contains:</p> <ul style="list-style-type: none"><li>• an InstanceHierarchy with one internal Element named 'RollerConveyor'</li><li>• an Attribute named 'maxConveyingSpeed'</li><li>• an Attribute named 'maxTransportationWeight'</li></ul> <p>The Roller Conveyor is designed to transport goods with a maximal speed up to 1.5 meter per second and a weight up to 35 kg.</p> <p>The used AutomationML-Libraries are stored in separated CAEX files and included via external references.</p>																				
Specification Part, Reference Documents	<p>Part 1 – Architecture</p> <p>AutomationML Whitepaper Part 1 -Architecture</p>																				
Screen Shot AutomationML Editor	<p>InstanceHierarchy</p> <div><div><div>IH</div><div>MECHATRONIC ENGINEERING</div></div><div><div>IE</div><div>ROLLER CONVEYOR</div></div></div> <p>InternalElement-Attributes</p> <table><tr><td>maxConveyingSpeed</td><td>Name:</td><td>maxConveyingSpeed</td><td>DataType:</td><td>xs:double</td></tr><tr><td>maxTransportationWeight</td><td>Value:</td><td>1.5</td><td>Unit:</td><td>m/s</td></tr><tr><td>maxConveyingSpeed</td><td>Name:</td><td>maxTransportationWeight</td><td>DataType:</td><td>xs:double</td></tr><tr><td>maxTransportationWeight</td><td>Value:</td><td>35</td><td>Unit:</td><td>kg</td></tr></table> <p>Used Libraries</p> <p>AutomationMLBaseRoleClassLib</p>	maxConveyingSpeed	Name:	maxConveyingSpeed	DataType:	xs:double	maxTransportationWeight	Value:	1.5	Unit:	m/s	maxConveyingSpeed	Name:	maxTransportationWeight	DataType:	xs:double	maxTransportationWeight	Value:	35	Unit:	kg
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