



Device: 192.168.15.42:80

Test time: 2019-04-24 19:57:14.681526

## 1.Test: GetSupportedRules(Analytics)

- GetSupportedRules is supported

- Test Feature: None

- Response: "(SupportedRules){\n RuleContentSchemaLocation[] = \n \"http://www.w3.org/2001/XMLSchema\", \n RuleDescription[] = \n (ConfigDescription){\n \_Name = \"tt:CellMotionDetector\" \n Parameters = \n (ItemListDescription){\n SimpleItemDescription[] = \n (SimpleItemDescription){\n \_Type = \"xs:integer\" \n \_Name = \"MinCount\" \n }, \n (SimpleItemDescription){\n \_Type = \"xs:integer\" \n \_Name = \"AlarmOnDelay\" \n }, \n (SimpleItemDescription){\n \_Type = \"xs:integer\" \n \_Name = \"AlarmOffDelay\" \n }, \n (SimpleItemDescription){\n \_Type = \"xs:base64Binary\" \n \_Name = \"ActiveCells\" \n }, \n } \n Messages[] = \n (Messages){\n \_IsProperty = True \n Source = \n (ItemListDescription){\n SimpleItemDescription[] = \n (SimpleItemDescription){\n \_Type = \"tt:ReferenceToken\" \n \_Name = \"VideoSourceConfigurationToken\" \n }, \n (SimpleItemDescription){\n \_Type = \"tt:ReferenceToken\" \n \_Name = \"VideoAnalyticsConfigurationToken\" \n }, \n (SimpleItemDescription){\n \_Type = \"xs:string\" \n \_Name = \"Rule\" \n }, \n } \n Data = \n (ItemListDescription){\n SimpleItemDescription[] = \n (SimpleItemDescription){\n \_Type = \"xs:boolean\" \n \_Name = \"IsMotion\" \n }, \n } \n ParentTopic = \"tns1:RuleEngine/CellMotionDetector/Motion\" \n }, \n (ConfigDescription){\n \_Name = \"tt:LineDetector\" \n Parameters = \n (ItemListDescription){\n SimpleItemDescription[] = \n (SimpleItemDescription){\n \_Type = \"tt:Direction\" \n \_Name = \"Direction\" \n }, \n ElementItemDescription[] = \n (ElementItemDescription){\n \_Type = \"tt:Polyline\" \n \_Name = \"Segments\" \n }, \n } \n Messages[] = \n (Messages){\n \_IsProperty = True \n Source = \n (ItemListDescription){\n SimpleItemDescription[] = \n (SimpleItemDescription){\n \_Type = \"tt:ReferenceToken\" \n \_Name = \"VideoSourceConfigurationToken\" \n }, \n (SimpleItemDescription){\n \_Type = \"tt:ReferenceToken\" \n \_Name = \"VideoAnalyticsConfigurationToken\" \n }, \n (SimpleItemDescription){\n \_Type = \"xs:string\" \n \_Name = \"Rule\" \n }, \n } \n Data = \n (ItemListDescription){\n SimpleItemDescription[] = \n (SimpleItemDescription){\n \_Type = \"xs:integer\" \n \_Name = \"ObjectId\" \n }, \n } \n ParentTopic = \"tns1:RuleEngine/LineDetector/Crossed\" \n }, \n (ConfigDescription){\n \_Name = \"tt:FieldDetector\" \n Parameters = \n (ItemListDescription){\n ElementItemDescription[] = \n (ElementItemDescription){\n \_Type = \"tt:Polygon\" \n \_Name = \"Field\" \n }, \n } \n Messages[] = \n (Messages){\n \_IsProperty = True \n Source = \n (ItemListDescription){\n SimpleItemDescription[] = \n (SimpleItemDescription){\n \_Type = \"tt:ReferenceToken\" \n \_Name = \"VideoSourceConfigurationToken\" \n }, \n (SimpleItemDescription){\n \_Type = \"tt:ReferenceToken\" \n \_Name = \"VideoAnalyticsConfigurationToken\" \n }, \n (SimpleItemDescription){\n \_Type = \"xs:string\" \n \_Name = \"Rule\" \n }, \n } \n Key = \n (ItemListDescription){\n SimpleItemDescription[] = \n (SimpleItemDescription){\n \_Type = \"xs:integer\" \n \_Name = \"ObjectId\" \n }, \n } \n Data = \n (ItemListDescription){\n SimpleItemDescription[] = \n (SimpleItemDescription){\n \_Type = \"xs:boolean\" \n \_Name = \"IsInside\" \n }, \n } \n ParentTopic = \"tns1:RuleEngine/FieldDetector/ObjectsInside\" \n }, \n (ConfigDescription){\n \_Name = \"hikxsd:TamperDetector\" \n Parameters = \n (ItemListDescription){\n SimpleItemDescription[] = \n (SimpleItemDescription){\n \_Type = \"tt:PolygonConfiguration\" \n \_Name = \"Field\" \n }, \n } \n Messages[] = \n (Messages){\n \_IsProperty = True \n Source = \n (ItemListDescription){\n SimpleItemDescription[] = \n (SimpleItemDescription){\n \_Type = \"tt:ReferenceToken\" \n \_Name = \"VideoSourceConfigurationToken\" \n }, \n (SimpleItemDescription){\n \_Type = \"tt:ReferenceToken\" \n \_Name = \"VideoAnalyticsConfigurationToken\" \n }, \n }

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(SimpleItemDescription){\n _Type = \"xs:string\"\n _Name = \"Rule\"\n },\n Data = \n (ItemListDescription){\n SimpleItemDescription[] = \n (SimpleItemDescription){\n _Type = \"xs:boolean\"\n _Name = \"IsTamper\"\n },\n }\n ParentTopic = \"tns1:RuleEngine/TamperDetector/Tamper\"\n },\n },\n }
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## 2.Test: GetAnalyticsModules(Analytics)

- GetAnalyticsModules is supported

- Test Feature: None

- Response: "[(Config){\n \_Type = \"tt:CellMotionEngine\"\n \_Name = \"MyCellMotionModule\"\n Parameters = \n (ItemList){\n SimpleItem[] = \n (SimpleItem){\n \_Name = \"Sensitivity\"\n \_Value = \"0\"\n },\n ElementItem[] = \n (ElementItem){\n \_Name = \"Layout\"\n CellLayout = \n (CellLayout){\n \_Rows = \"18\"\n \_Columns = \"22\"\n Transformation = \n (Transformation){\n Translate = \n (Translate){\n \_y = \"-1.000000\"\n \_x = \"-1.000000\"\n }\n Scale = \n (Scale){\n \_y = \"0.111111\"\n \_x = \"0.090909\"\n }\n }\n },\n },\n },\n (Config){\n \_Type = \"tt:LineDetectorEngine\"\n \_Name = \"MyLineDetectorModule\"\n Parameters = \n (ItemList){\n SimpleItem[] = \n (SimpleItem){\n \_Name = \"Sensitivity\"\n \_Value = \"50\"\n },\n ElementItem[] = \n (ElementItem){\n \_Name = \"Layout\"\n Transformation = \n (Transformation){\n Translate = \n (Translate){\n \_y = \"-1.000000\"\n \_x = \"-1.000000\"\n }\n Scale = \n (Scale){\n \_y = \"0.002000\"\n \_x = \"0.002000\"\n }\n }\n },\n (ElementItem){\n \_Name = \"Field\"\n PolygonConfiguration = \n (PolygonConfiguration){\n Polygon = \n (Polygon){\n Point[] = \n (Point){\n \_y = \"0\"\n \_x = \"0\"\n },\n (Point){\n \_y = \"1000\"\n \_x = \"0\"\n },\n (Point){\n \_y = \"1000\"\n \_x = \"1000\"\n },\n (Point){\n \_y = \"0\"\n \_x = \"1000\"\n },\n }\n },\n },\n (Config){\n \_Type = \"tt:FieldDetectorEngine\"\n \_Name = \"MyFieldDetectorModule\"\n Parameters = \n (ItemList){\n SimpleItem[] = \n (SimpleItem){\n \_Name = \"Sensitivity\"\n \_Value = \"50\"\n },\n ElementItem[] = \n (ElementItem){\n \_Name = \"Layout\"\n Transformation = \n (Transformation){\n Translate = \n (Translate){\n \_y = \"-1.000000\"\n \_x = \"-1.000000\"\n }\n Scale = \n (Scale){\n \_y = \"0.002000\"\n \_x = \"0.002000\"\n }\n }\n },\n (ElementItem){\n \_Name = \"Field\"\n PolygonConfiguration = \n (PolygonConfiguration){\n Polygon = \n (Polygon){\n Point[] = \n (Point){\n \_y = \"0\"\n \_x = \"0\"\n },\n (Point){\n \_y = \"1000\"\n \_x = \"0\"\n },\n (Point){\n \_y = \"1000\"\n \_x = \"1000\"\n },\n (Point){\n \_y = \"0\"\n \_x = \"1000\"\n },\n }\n },\n },\n (Config){\n \_Type = \"hikxsd:TamperEngine\"\n \_Name = \"MyTamperDetecModule\"\n Parameters = \n (ItemList){\n SimpleItem[] = \n (SimpleItem){\n \_Name = \"Sensitivity\"\n \_Value = \"0\"\n },\n ElementItem[] = \n (ElementItem){\n \_Name = \"Transformation\"\n Transformation = \n (Transformation){\n Translate = \n (Translate){\n \_y = \"-1.000000\"\n \_x = \"-1.000000\"\n }\n Scale = \n (Scale){\n \_y = \"0.003472\"\n \_x = \"0.002841\"\n }\n }\n },\n (ElementItem){\n \_Name = \"Field\"\n PolygonConfiguration = \n (PolygonConfiguration){\n Polygon = \n (Polygon){\n Point[] = \n (Point){\n \_y = \"0\"\n \_x = \"0\"\n },\n (Point){\n \_y = \"576\"\n \_x = \"0\"\n },\n (Point){\n \_y = \"576\"\n \_x = \"704\"\n },\n (Point){\n \_y = \"0\"\n \_x = \"704\"\n },\n }\n },\n },\n }]"

## 3.Test: GetRules(Analytics)

- GetRules is supported

- Test Feature: None

- Response: "[(Config){\n \_Type = \"tt:CellMotionDetector\"\n \_Name = \"MyMotionDetectorRule\"\n Parameters = \n (ItemList){\n SimpleItem[] = \n (SimpleItem){\n \_Name = \"MinCount\"\n \_Value = \"5\"\n },\n (SimpleItem){\n \_Name = \"AlarmOnDelay\"\n \_Value = \"1000\"\n },\n (SimpleItem){\n \_Name = \"AlarmOffDelay\"\n \_Value = \"1000\"\n },\n (SimpleItem){\n \_Name = \"ActiveCells\"\n \_Value = \"zwA=\"\n },\n }\n },\n (Config){\n \_Type = \"tt:LineDetector\"\n \_Name = \"MyLineDetector1\"\n Parameters = \n (ItemList){\n SimpleItem[] = \n (SimpleItem){\n \_Name = \"Direction\"\n \_Value = \"Any\"\n },\n ElementItem[] = \n (ElementItem){\n \_Name = \"Segments\"\n Polyline = \n (Polyline){\n Point[] = \n (Point){\n \_y = \"0.000000\"\n \_x = \"0.000000\"\n },\n (Point){\n \_y = \"0.000000\"\n \_x = \"0.000000\"\n },\n }\n },\n },\n (Config){\n \_Type = \"tt:LineDetector\"\n \_Name = \"MyLineDetector2\"\n Parameters = \n (ItemList){\n SimpleItem[] = \n (SimpleItem){\n \_Name = \"Direction\"\n \_Value = \"Any\"\n },\n ElementItem[] = \n (ElementItem){\n \_Name = \"Segments\"\n Polyline = \n (Polyline){\n Point[] = \n (Point){\n \_y = \"0.000000\"\n \_x = \"0.000000\"\n },\n (Point){\n \_y = \"0.000000\"\n \_x = \"0.000000\"\n },\n }\n },\n },\n (Config){\n \_Type = \"tt:LineDetector\"\n \_Name = \"MyLineDetector3\"\n Parameters = \n (ItemList){\n SimpleItem[] = \n (SimpleItem){\n \_Name = \"Direction\"\n \_Value = \"Any\"\n },\n ElementItem[] = \n (ElementItem){\n \_Name = \"Segments\"\n Polyline = \n (Polyline){\n Point[] = \n (Point){\n \_y = \"0.000000\"\n \_x = \"0.000000\"\n },\n (Point){\n \_y = \"0.000000\"\n \_x = \"0.000000\"\n },\n }\n },\n },\n (Config){\n \_Type = \"tt:LineDetector\"\n \_Name = \"MyLineDetector4\"\n Parameters = \n (ItemList){\n SimpleItem[] = \n (SimpleItem){\n \_Name = \"Direction\"\n \_Value = \"Any\"\n },\n ElementItem[] = \n (ElementItem){\n \_Name = \"Segments\"\n Polyline = \n (Polyline){\n Point[] = \n (Point){\n \_y = \"0.000000\"\n \_x = \"0.000000\"\n },\n (Point){\n \_y = \"0.000000\"\n \_x = \"0.000000\"\n },\n }\n },\n },\n (Config){\n \_Type = \"tt:FieldDetector\"\n \_Name = \"MyFieldDetector1\"\n Parameters = \n (ItemList){\n ElementItem[] = \n (ElementItem){\n \_Name = \"Field\"\n Polygon = \n (Polygon){\n Point[] = \n (Point){\n \_y = \"0.000000\"\n \_x = \"0.000000\"\n },\n (Point){\n \_y = \"0.000000\"\n \_x = \"0.000000\"\n },\n (Point){\n \_y = \"0.000000\"\n \_x = \"0.000000\"\n },\n (Point){\n \_y = \"0.000000\"\n \_x = \"0.000000\"\n },\n }\n },\n },\n (Config){\n \_Type = \"tt:FieldDetector\"\n \_Name = \"MyFieldDetector2\"\n Parameters = \n (ItemList){\n ElementItem[] = \n (ElementItem){\n \_Name = \"Field\"\n Polygon = \n (Polygon){\n Point[] = \n (Point){\n \_y = \"0.000000\"\n \_x = \"0.000000\"\n },\n (Point){\n \_y = \"0.000000\"\n \_x = \"0.000000\"\n },\n (Point){\n \_y = \"0.000000\"\n \_x = \"0.000000\"\n },\n (Point){\n \_y = \"0.000000\"\n \_x = \"0.000000\"\n },\n }\n },\n },\n }]"

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_y = \"0.000000\\\"n _x = \"0.000000\\\"n },n (Point){n _y = \"0.000000\\\"n _x = \"0.000000\\\"n },n (Point){n _y = \"0.000000\\\"n _x = \"0.000000\\\"n },n }n },n (Config){n _Type = \"tt:FieldDetector\\\"n _Name = \"MyFieldDetector3\\\"n Parameters = n (ItemList){n ElementItem[] = n (ElementItem){n _Name = \"Field\\\"n Polygon = n (Polygon){n Point[] = n (Point){n _y = \"0.000000\\\"n _x = \"0.000000\\\"n },n (Point){n _y = \"0.000000\\\"n _x = \"0.000000\\\"n },n (Point){n _y = \"0.000000\\\"n _x = \"0.000000\\\"n },n (Point){n _y = \"0.000000\\\"n _x = \"0.000000\\\"n },n }n },n (Config){n _Type = \"tt:FieldDetector\\\"n _Name = \"MyFieldDetector4\\\"n Parameters = n (ItemList){n ElementItem[] = n (ElementItem){n _Name = \"Field\\\"n Polygon = n (Polygon){n Point[] = n (Point){n _y = \"0.000000\\\"n _x = \"0.000000\\\"n },n (Point){n _y = \"0.000000\\\"n _x = \"0.000000\\\"n },n (Point){n _y = \"0.000000\\\"n _x = \"0.000000\\\"n },n (Point){n _y = \"0.000000\\\"n _x = \"0.000000\\\"n },n }n },n (Config){n _Type = \"hikxsd:TamperDetector\\\"n _Name = \"MyTamperDetectorRule\\\"n Parameters = n (ItemList){n ElementItem[] = n (ElementItem){n _Name = \"Field\\\"n PolygonConfiguration = n (PolygonConfiguration){n Polygon = n (Polygon){n Point[] = n (Point){n _y = \"0\\\"n _x = \"0\\\"n },n (Point){n _y = \"0\\\"n _x = \"0\\\"n },n (Point){n _y = \"0\\\"n _x = \"0\\\"n },n (Point){n _y = \"0\\\"n _x = \"0\\\"n },n }n }n }n }
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(SimpleItemDescription){\n  _Type = \"tt:ReferenceToken\"\n  _Name = \"VideoAnalyticsConfigurationToken\"\n },\n(SimpleItemDescription){\n  _Type = \"xs:string\"\n  _Name = \"Rule\"\n },\n }\n Data = \n (ItemListDescription){\n  SimpleItemDescription[] = \n (SimpleItemDescription){\n  _Type = \"xs:boolean\"\n  _Name = \"IsTamper\"\n },\n }\n ParentTopic = \"tns1:RuleEngine/TamperDetector/Tamper\"\n },\n },\n }
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