

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  $RuleDescription[] = \\ \\ (ConfigDescription) \\ \\ \\ \\ Name = \\ \\ \\ \\ Tt:CellMotionDetector\\ \\ \\ \\ \\ Nameters = \\ \\ (ItemListDescription) \\ \\ \\ \\ Nameters = \\ \\ \\ (ItemListDescription) \\ \\ \\ (ItemListDescription) \\ \\ \\ (ItemListDescription) \\ \\ \\ (ItemListDescription) \\ \\ \\ (ItemListDescription) \\ \\ \\ (I$  $SimpleItemDescription[] = \n (SimpleItemDescription) {n _Type = \"xs:integer\" \n _Name = \"MinCount\" \n }, \n _Name = \n _Name =$  $(SimpleItemDescription)_{n Type = \x:integer}^n Name = \align{ } Name =$ \"xs:integer\"\n \_Name = \"AlarmOffDelay\"\n },\n (SimpleItemDescription){\n \_Type = \"xs:base64Binary\"\n \_Name =  $\c Cells \n \h \n Messages = \n (Messages) \n _IsProperty = True \n Source = \n (ItemListDescription) \n$  $SimpleItemDescription[] = \n (SimpleItemDescription) {\n _Type = '"tt:ReferenceToken\" \n _Name = \"tt:ReferenceToken\" \n _Name =$ \"VideoSourceConfigurationToken\"\n \,\n (SimpleItemDescription){\n \_Type = \"tt:ReferenceToken\"\n \_Name =  $Data = \\ (ItemListDescription) \\ \\ N SimpleItemDescription[] = \\ N (SimpleItemDescription) \\ \\ N \_Type = \\ "xs:boolean" \\ N \_Name \\ N \_Type = \\ "xs:boolean" \\ N \_Name \\ N \_Type = \\ "xs:boolean" \\ N \_Name \\ N \_Type = \\ "xs:boolean" \\ N$ =  $\lower Lower L$ 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 \_lsProperty = 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 =  $\mbox{"xs:string}\$  Name =  $\mbox{"Rule}\$  }\n Data = \n (ItemListDescription) {\n SimpleItemDescription[] = \n (SimpleItemDescription){\n \_Type = \"xs:integer\"\n \_Name = \"ObjectId\"\n },\n }\n ParentTopic =  $\t = \mathbb{N}_{n} \$  $(ItemListDescription) \ [ = \ (ElementItemDescription) \ ] = \ (ElementItemDescription) \ [ = \ (ElementItemDescription) \ ]$ \"Field\"\n },\n }\n Messages[] = \n (Messages){\n IsProperty = True\n Source = \n (ItemListDescription){\n \"VideoSourceConfigurationToken\"\n },\n (SimpleItemDescription){\n \_Type = \"tt:ReferenceToken\"\n \_Name =  $Key = \ln (ItemListDescription) {\n SimpleItemDescription} = \ln (SimpleItemDescription) {\n Type = \xs:integer\\\ n Name = \xs:integer\\\\ n Name = \xs:integer\\\\\ n Name = \xs:integer\\\\\ n Name = \xs:integer\\\\ n Name = \xs:integer\\\\\ n Name = \xs:integer\\\\ n Name = \xs:integer\\\\\ n Name = \xs:integer\\\\ n Name$ \"ObjectId\"\n },\n }\n Data = \n (ItemListDescription){\n SimpleItemDescription[] = \n (SimpleItemDescription){\n \_Type =  $\xs:boolean'' n _Name = \xi^n _n \n ParentTopic = \xi^n 1: RuleEngine/FieldDetector/ObjectsInside \xi^n _n , \xi^n _n \xi^n _n$ (ConfigDescription){\n Name = \"hikxsd:TamperDetector\"\n Parameters = \n (ItemListDescription){\n  $Simple Item Description [] = \n (Simple Item Description) {\n \_Type = \"tt:Polygon Configuration \"\n \_Name = \"Field \"\n }, \n } \n = \n (Simple Item Description) {\n \_Type = \"tt:Polygon Configuration \"\n \_Name = \"Field \"\n }, \n } \n = \n (Simple Item Description) {\n \_Type = \"tt:Polygon Configuration \"\n \_Name = \"Field \"\n }, \n } \n = \n (Simple Item Description) {\n \_Type = \n \_Type = \n$ Messages[] = \n (Messages){\n \_IsProperty = True\n Source = \n (ItemListDescription){\n SimpleItemDescription[] = \n  $(SimpleItemDescription)_{n Type = \t:ReferenceToken\t:N} Name = \t:NeferenceToken \t:NeferenceToken$ (SimpleItemDescription){\n Type = \"tt:ReferenceToken\"\n Name = \"VideoAnalyticsConfigurationToken\"\n },\n

 $(SimpleItemDescription) $$ \sum_{x=0}^n \Delta = \n (ItemListDescription) {\n _Name = \n (ItemListDescription) {\n _Type = \xs:boolean\n _Name = \IsTamper\n },\n }\n \$  ParentTopic = \"tns1:RuleEngine/TamperDetector/Tamper\"\n },\n },\n }"

## 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 = \"Sensitivitv\"\n Value = \"0\"\n }.\n ElementItem[] = \n (ElementItem){\n Name = \"Layout\"\n CellLayout = \n (CellLayout){\n Rows = \"18\"\n Columns = \"22\"\n  $Transformation = \n (Transformation) {\n Translate = \n (Translate) {\n \_y = \"-1.0000000\"\n \_x = \"-1.0000000\"\n \_x = \"-1.0000000\"\n \_x = \n (Translate) {\n \_y = \n \_y$ \_Name = \"MyLineDetectorModule\"\n Parameters = \n (ItemList){\n SimpleItem[] = \n (SimpleItem){\n \_Name =  $\label{lem:constraint} $$ \operatorname{Translate}_{n = \ (Translate)_{n = \ (-1.000000)^{n} \ x = \ (-1.000000)^{n} \ } \ Scale = \ (Scale)_{n = \ (-1.000000)^{n} \ } $$$  $\''1000\''\n _x = \''0\''\n _x = \''1000\''\n _x = \''10000\''\n _x = \''1000\''\n _x = \''10000\''\n _x = \''10000\''\n _x = \''10000\''\n _x = \''10000\''\n _x = \''10000$  $\ \$  (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 = \" - \n \text{\text{one}} \text{\text{  $\tilde{0}^{n} = \ln (PolygonConfiguration)$  Polygon = \n (Polygon) \n Point[] = \n (Point) \n \_y = \"0\"\n \_y = \  $x = \0\$ ,\n (Point)\n  $y = \1000\$ \n  $x = \0\$ \n (Point)\n  $y = \1000\$ \n  $x = \1000\$ \n  $x = \1000\$ \n  $y = \1000\$ \n  $_x = "1000\ "\ __Name = \ __Nh \ __Nn \ __Nn \ __NamperDetecModule \"\ __Name = \ __NhyTamperDetecModule \"\ __Name = \"MyTamperDetecModule \"\n__Name = \$ 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 }  $y = \'-1.000000\'\n x = \'-1.000000\'\n \n Scale = \n (Scale) {n y = \'0.003472\'\n x = \'0.002841\'\n }\n }\n }\n }\n$  $Point[] = \ln (Point)\{n \ v = "0\"n \ , \ (Point)\{n \ v = "576\"n \ x = "0\"n \ , \ (Point)\{n \ v = "576\"n \ x = "0\"n \ , \ (Point)\{n \ v = "576\"n \ x = "0\"n \ , \ (Point)\{n \ v = "576\"n \ x = "0\"n \ x = "0\ x =$ 

# 3.Test: GetRules(Analytics)

GetRules is supported

Test Feature: None

• Response: "[(Config){\n \_Type = \"tt:CellMotionDetector\"\n \_Name = \"MyMotionDetectorRule\"\n Parameters = \n  $(ItemList) \ln SimpleItem[] = \ln (SimpleItem) \ln _Name = \MinCount\" \n _Value = \"5\" \n }, \n (SimpleItem) \n _Name = \"6\" \n _Name = \"7\" \n _Name = \"7\"$ (SimpleItem){\n \_Name = \"ActiveCells\"\n \_Value = \"zwA=\"\n },\n }\n }, (Config){\n \_Type = \"tt:LineDetector\"\n \_Name = \"MyLineDetector1\"\n Parameters = \n (ItemList){\n SimpleItem[] = \n (SimpleItem){\n Name = \"Direction\"\n Value =  $\mbox{\color{Both Name} = \n (Point){\n Point[] = \n (Point[] = \n (Point[]$ \_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 =  $Parameters = \n (ItemList) {\n SimpleItem[] = \n (SimpleItem) {\n \_Name = \"Direction\"\n \_Value = \"Any\"\n }, \n \_Value = \n (ItemList) {\n SimpleItem[] = \n (SimpleItem) {\n \_Name = \n Original } }$ ElementItem[] = \n (ElementItem){\n \_Name = \"Segments\"\n Polyline = \n (Polyline){\n Point[] = \n (Point){\n \_y = = \"tt:LineDetector\"\n \_Name = \"MyLineDetector4\"\n Parameters = \n (ItemList){\n SimpleItem[] = \n (SimpleItem){\n SimpleItem} Name = \"Direction\"\n Value = \"Any\"\n \,\n ElementItem[] = \n (ElementItem){\n Name = \"Segments\"\n Polyline = \n  $\"0.000000\"\n \,\n \,\n \,\n \,\Config)\n \_Type = \"tt:FieldDetector\"\n \_Name = \"MyFieldDetector1\"\n \Parameters = \n$  $(ItemList) \ln ElementItem] = \ln (ElementItem) \ln Name = \Field\N Polygon = \ln (Polygon) \ln Point] = \ln (Point) \ln y = \ln (Polygon) \ln Point] = \ln (Point) \ln y = \ln (Polygon) \ln Point] = \ln (Polygon) \ln y =$  $\noindent \noindent \noi$  $\t = \n (ItemList) \in \n (Ite$  $Name = \text{``Field''} \text{ Polygon} = \text{ (Polygon)} \text{ Point[]} = \text{ (Point)} \text{$ 

### 4.Test: GetServiceCapabilities(Analytics)

- GetServiceCapabilities is supported
- Test Feature: None
- Response: "(Capabilities){\n \_AnalyticsModuleSupport = True\n \_RuleSupport = True\n \_CellBasedSceneDescriptionSupported = True\n }"

#### 5.Test: GetSupportedAnalyticsModules(Analytics)

- GetSupportedAnalyticsModules is supported
- Test Feature: None
- Response: "(SupportedAnalyticsModules){\n AnalyticsModuleContentSchemaLocation[] = \n  $\t^{\t}$  \"http://www.w3.org/2001/XMLSchema\",\n AnalyticsModuleDescription[] = \n (ConfigDescription){\n \_Name = \"tt:CellMotionEngine\"\n Parameters = \n (ItemListDescription){\n SimpleItemDescription[] = \n (SimpleItemDescription){\n \_Type = \"xs:integer\"\n \_Name = \"Sensitivity\"\n },\n ElementItemDescription[] = \n (ElementItemDescription){\n \_Type =  $\t:CellLayout\t: CellLayout\t: Omega = \t:CellLayout\t: Omega = \t:Ce$ (ItemListDescription){\n SimpleItemDescription[] = \n (SimpleItemDescription){\n \_Type = \"tt:ReferenceToken\"\n \_Name = \"VideoSourceConfigurationToken\"\n },\n (SimpleItemDescription){\n \_Type = \"tt:ReferenceToken\"\n \_Name =  $\\ConfigurationToken\'' \ \,\n \CimpleItemDescription\ \Type = \''xs:string\'' \ \_Name = \''Rule\'' \ \,\n \,\n \$  $Data = \n (ItemListDescription) {\n SimpleItemDescription} = \n (SimpleItemDescription) {\n Type = \xs:boolean\\n Name} = \n (SimpleItemDescription) {\n Type = \xs:boolean\\n Name} = \n (SimpleItemDescription) {\n Type = \xs:boolean\\n Name} = \n (SimpleItemDescription) {\n Name} = \n (Si$ = \"IsMotion\"\n }\n ParentTopic = \"tns1:RuleEngine/CellMotionDetector/Motion\"\n }\n }\n (ConfigDescription){\n Name = \"tt:LineDetectorEngine\"\n Parameters = \n (ItemListDescription){\n SimpleItemDescription[] = \n  $(SimpleItemDescription) \\ \n \_Type = \xs:integer\\ \n \_Name = \xs:integer\\ \n$ (ElementItemDescription){\n \_Type = \"tt:Transformation\"\n \_Name = \"Transformation\"\n },\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 = \n (SimpleItemDescription) {\n \_Type = \n \_Type = \$ \"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 },\n (ConfigDescription){\n \_Name = \"tt:FieldDetectorEngine\"\n Parameters = \n (ItemListDescription){\n SimpleItemDescription[] = \n (SimpleItemDescription){\n \_Type = \"xs:integer\"\n \_Name = \"Sensitivity\\"\n },\n ElementItemDescription[] = \n (ElementItemDescription){\n \_Type = \"tt:Transformation\"\n \_Name = \"Transformation\"\n },\n (ElementItemDescription){\n  $Type = \text{th:Polygon}^n = \text{heid}^n }, \ \$ (ItemListDescription){\n SimpleItemDescription[] = \n (SimpleItemDescription){\n \_Type = \"tt:ReferenceToken\"\n \_Name = \"VideoSourceConfigurationToken\"\n },\n (SimpleItemDescription){\n \_Type = \"tt:ReferenceToken\"\n \_Name =  $Key = \ln (ItemListDescription) {\n SimpleItemDescription} = \ln (SimpleItemDescription) {\n _Type = \"xs:integer\" \n _Name = \n _Nam$ \"ObjectId\"\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 },\n (ConfigDescription){\n \_Name = \"hikxsd:TamperEngine\"\n Parameters = \n (ItemListDescription){\n SimpleItemDescription[] = \n (SimpleItemDescription){\n \_Type = \"xs:integer\"\n \_Name = \"Sensitivity\"\n },\n ElementItemDescription[] = \n (ElementItemDescription){\n \_Type = \"tt:Transformation\"\n \_Name = \"Transformation\"\n  $\$ ,\n (ElementItemDescription){\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) $$ n_Type = '"tt:ReferenceToken\"'n_Name = '"VideoAnalyticsConfigurationToken\"'n }, n (SimpleItemDescription) $$ n_Type = '"xs:string\"'n_Name = \"Rule\"'n }, n } n Data = n (ItemListDescription) $$ n_Type = '"xs:boolean\"'n_Name = \"IsTamper\"'n }, n } n ParentTopic = \"tns1:RuleEngine/TamperDetector/Tamper\"'n }, n }, "$