[GOOGLE EARTH ENGINE](EE01%20Earth%20Engine%20(EE).docx) [APPLICATION PROGRAMMING INTERFACE](EE05%20%20%20The%20EE%20API.docx) [CAPABILITIES](EE07%20%20%20%20%20%20API%20Capabilities.docx)

PROCESSING **SELECTORSET** [PARAMETERS](EE26%20%20%20%20%20%20%20%20%20Parameters.docx)

A selectorSet is an Earth Engine parameter object that represents a dictionary of user-specified names and associated values that can be passed to operations as input arguments. SelectorSets can be created by using the operation listed below.

**CREATING** SELECTORSETS [ee.SelectorSet](#SelectorSet)

**DOCUMENTING** SELECTORSETS selectorSet.getInfo ee.Algorithms.Describe(selectorSet)

selectorSet.toString selectorSet.serialize

**PRESENTING** SELECTORSETS

IN **PRINT** print(selectorSet) console.log(selectorSet)

alert(selectorSet) confirm(selectorSet)

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**CREATING** [SELECTORSET](#_top) [PARAMETERS](EE26%20%20%20%20%20%20%20%20%20Parameters.docx)

ee.SelectorSet creates a new selectorSet from a specified list of property-name strings.

newSelectorSet = ee.SelectorSet ( properties )

The specified list

The new selector set

var OldFEATURES = ee.FeatureCollection( 'ft:1G3RZbWoTiCiYv\_LEwc7xKZq8aYoPZlL5\_KuVhyDM' ); // U.S. Cities

var TheSELECTORSET = ee.SelectorSet( ['avg\_temp\_jul'] );

var NewFEATURES = OldFEATURES.distinct( TheSELECTORSET );

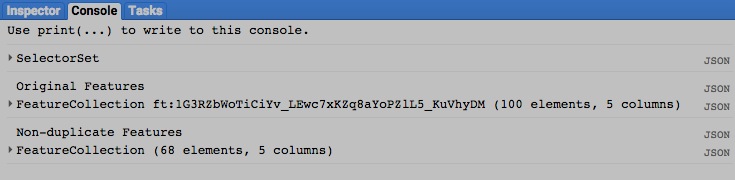
print( TheSELECTORSET );

print( 'Original Features', OldFEATURES );

print( 'Non-duplicate Features', NewFEATURES );

Map.addLayer( OldFEATURES, {color:'0000ff'}, 'Original Cities' );

Map.addLayer( NewFEATURES, {color:'ff0000'}, 'Non-duplicate Cities' );



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**DOCUMENTING** [SELECTORSET](#_top) [PARAMETERS](EE26%20%20%20%20%20%20%20%20%20Parameters.docx)

ee.Algorithms.Describe and selectorSet.getInfo

each creates a JSON-compatible text object representing a specified selectorSet.

newObject = ee.Algorithms.Describe( oldSelectorSet )

and oldSelectorSet.getInfo( )

The specified selectorSet

The new object

var TheSELECTORSET = ee.SelectorSet( ['ThisOne',’ThatOne'] );

print( 'From print:', TheSELECTORSET );

print( 'From ee.Algorithms.Describe( ):', ee.Algorithms.Describe( TheSELECTORSET ) );

print( 'From getInfo( ):', TheSELECTORSET.getInfo( ) );

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**DOCUMENTING** [SELECTORSET](#_top) [PARAMETERS](EE26%20%20%20%20%20%20%20%20%20Parameters.docx)

selectorSet.toString and .serialize each creates a new string presenting information on a specified selectorSet.

newString = oldSelectorSet.toString ( )

and oldSelectorSet.serialize( )

The specified selectorSet

The new string

var TheSELECTORSET = ee.SelectorSet( ['ThisOne',’ThatOne'] );

print( 'From print:', TheSELECTORSET );

print( 'From toString( ):', TheSELECTORSET.toString( ) );

print( 'From serialize( ):', TheSELECTORSET.serialize( ) );

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**PRESENTING** [SELECTORSET](#_top) [PARAMETERS](EE26%20%20%20%20%20%20%20%20%20Parameters.docx) IN **PRINT**

print ( selectorSet ) and console.log ( selectorSet ) present JSON-formatted text renditions of a specified selectorSet in the console.

print( oldSelectorSet ) or console.log( oldSelectorSet )

The specified selectorSet

var TheSELECTORSET = ee.SelectorSet( ['ThisOne',’ThatOne'] );

print( 'From print:', TheSELECTORSET );

console.log( 'From console.log:', TheSELECTORSET );

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**PRESENTING** [SELECTORSET](#_top) [PARAMETERS](EE26%20%20%20%20%20%20%20%20%20Parameters.docx) IN **PRINT**

alert ( selectorSet ) and confirm ( selectorSet ) present JSON-formatted text renditions of a specified

selectorSet in a pop-up message box.

alert( oldSelectorSet ) or confirm(oldSelectorSet )

The specified selectorSet

var TheSELECTORSET = ee.SelectorSet( ['ThisOne',’ThatOne'] );

alert(TheSELECTORSET );

confirm(TheSELECTORSET );