

URL	Method	Parameter(Bold :mandatory / normal : optional)	Return
/Dataset	GET	name : dataset name resolution : resolution abstract : dataAbstract page : page number (Default: 0) pageSize : page Size (Default:50)	DatasetCollectionResponse
/Dataset/{id}	GET		DatasetResponse
/Dataset	POST	id(optional) : if the value is not null it will be update the dataset otherwise it will be created a new one name : dataset name resolution : resolution precision : precision abstract : dataAbstract	DatasetResponse
/Dataset/Delete/{id}	POST		DatasetResponse

URL	Method	Parameter(Bold : mandatory / normal : optional)	Return
/TimeSlice	GET	datasetId : id of dataset which is time slice belongs to creationDate : time of time slice searchBeginDate : search boundary start point searchEndDate : search boundary end point page : page number (Default: 0) pageSize : page Size (Default:50)	TimeSliceCollectionResponse
/TimeSlice/{id}	GET		TimeSliceResponse
/TimeSlice	POST	timeSliceId(optional) : if the value is not null it will be update the timeslice otherwise it will be created a new one datasetId : id of dataset which is time slice belongs to createDate : creationDate comment	TimeSliceResponse
/TimeSlice/Delete/{id}	POST		TimeSliceResponse

URL	Method	Parameter(Bold : mandatory / normal : optional)	Return
/Band	GET	datasetId : id of dataset which is time slice belongs to page : page number (Default: 0) pageSize : page Size (Default:50)	BandCollectionResponse
/Band/{id}	GET		BandResponse
/Band	POST	datasetId : id of dataset which is time slice belongs to name : name of band dataType : dataType of band metadata : is metadata continuous : is continuous	BandResponse

/Band/Delete/{id}	POST		BandResponse
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URL	Method	Parameter(Bold : mandatory / normal : optional)	Return
/Data/Import	POST	taskId : id of file which is uploaded bandId : id of band which is going to import	ImportResponse(Okay, fail)
/Data/Export	POST	datasetId : id of dataset which is time slice belongs to bandId : list of bandId s(same name request) searchBeginDate : search boundary start point searchEndDate : search boundary end point projotion : projection type and value (eg.EPSG:123) topLeft : spatial bounds bottomRight : spatial bounds	ExportResponse(taskId)
/Data/ExportExpress	GET	datasetId : id of dataset which is time slice belongs to	ExportResponse(taskId)
/Data/Upload	POST	timeSliceId : id of time slice which is file belongs to files : list of files (multipart-file) fileId : existing file id	FileInfoResponse
/Data/Download/{taskId}	GET	Not allowed extention	Zipped file itself
/Data/Task		searchType : Import / Export status : status of task	TaskCollectionResponse
/Data/Task/{id}		taskId : id of task came from export / import process	TaskResponse
/Data/Query		file : configuration file which is used for query threads : number of threads minX : minimum X coordination	

		<div>minY : minimum Y coordination</div> <div>maxX : maximum X coordination</div> <div>maxY : maximum Y coordination</div> <div>startDate : date of timeslice querying date started</div> <div>startDate : date of timeslice querying date started</div>	
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URL	Test case	Status
/Dataset	http://localhost:8080/SpatialCubeService/Dataset.xml http://localhost:8080/SpatialCubeService/Dataset.json http://localhost:8080/SpatialCubeService/Dataset.xml?page=0&pageSize=1 http://localhost:8080/SpatialCubeService/Dataset.xml?page=1&pageSize=1 http://localhost:8080/SpatialCubeService/Dataset.xml?page=2&pageSize=1 http://localhost:8080/SpatialCubeService/Dataset.xml?page=3&pageSize=1 http://localhost:8080/SpatialCubeService/Dataset.json?name=11 http://localhost:8080/SpatialCubeService/Dataset.xml?name=11&page=0&pageSize=1	passed
/Dataset/{id}	http://localhost:8080/SpatialCubeService/Dataset/2c9f852437961c9f0137961ca3140001.xml http://localhost:8080/SpatialCubeService/Dataset/2c9f852437961c9f0137961ca3140011.xml	Passed
/Dataset	http://localhost:8080/SpatialCubeService/Dataset POST name=test&resolution=500m&dataAbstract=testAbs http://localhost:8080/SpatialCubeService/Dataset POST name=test&resolution=abcd&dataAbstract=testAbs http://localhost:8080/SpatialCubeService/Dataset	Passed Passed
/Dataset/Delete	http://localhost:8080/SpatialCubeService/Dataset/Delete/2c9f852437961c9f0137961ca3140011.xml	

/TimeSlice	http://localhost:8080/SpatialCubeService/TimeSlice.xml?datasetId=2c9f852437a0a1820137a0a186c60001 http://localhost:8080/SpatialCubeService/TimeSlice.xml?datasetId=2c9f852437a0a1820137a0a186c60001&page=0&pageSize=1 http://localhost:8080/SpatialCubeService/TimeSlice.xml?datasetId=2c9f852437a0a1820137a0a186c60001&page=1&pageSize=1 http://localhost:8080/SpatialCubeService/TimeSlice.xml?datasetId=2c9f852437a0a1820137a0a186c60001&page=2&pageSize=1 http://localhost:8080/SpatialCubeService/TimeSlice.xml?datasetId=2c9f852437a0a1820137a0a186c60001&page=0&pageSize=100 http://localhost:8080/SpatialCubeService/TimeSlice.xml?datasetId=2c9f852437a0a1820137a0a186c60001&page=0&pageSize=100&creationDate=01/02/2012	passed
/TimeSlice/{id}	http://localhost:8080/SpatialCubeService/TimeSlice/2c9f852437e406de0137e40710330001.xml	passed
/TimeSlice	http://localhost:8080/SpatialCubeService/TimeSlice POST datasetId=2c9f852437a0a1820137a0a186c60001&creationDate=1/2/2012&precision=123&comment=123 http://localhost:8080/SpatialCubeService/TimeSlice POST timeSliceId=2c9f852437e406de0137e40710330001&datasetId=2c9f852437a0a1820137a0a186c60001 &creationDate=1/2/2012&precision=123&comment=123 http://localhost:8080/SpatialCubeService/TimeSlice/Form	passed
/TimeSlice/Delete	http://localhost:8080/SpatialCubeService/TimeSlice/Delete/2c9f852437e406de0137e40710330001.xml	
/Band	http://localhost:8080/SpatialCubeService/Band.xml?datasetId=2c9f852437a0a1820137a0a186c60001 http://localhost:8080/SpatialCubeService/Band.xml?datasetId=2c9f852437a0a1820137a0a186c60001&page=0&pageSize=1 http://localhost:8080/SpatialCubeService/Band.xml?datasetId=2c9f852437a0a1820137a0a186c60001&page=1&pageSize=1 http://localhost:8080/SpatialCubeService/Band.xml?datasetId=2c9f852437a0a1820137a0a186c60001&page=2&pageSize=1 http://localhost:8080/SpatialCubeService/Band.xml?datasetId=2c9f852437a0a1820137a0a186c60001&page=0&pageSize=100	passed
/Band/{id}	http://localhost:8080/SpatialCubeService/Band/2c9f852437e406de0137e40710330001.xml	passed
/Band	http://localhost:8080/SpatialCubeService/Band POST datasetId=2c9f852437a0a1820137a0a186c60001&name=test&dataType=FLOAT32&metadata=false&continuous http://localhost:8080/SpatialCubeService/Band/Form	passed
/Data/Import	http://localhost:8080/SpatialCubeService/Data/Import.xml http://localhost:8080/SpatialCubeService/Data/Import/Form	Not yet
/Data/Export	http://localhost:8080/SpatialCubeService/Data/Export.xml?datasetId=2c9f852437a0a1820137a0a186c60001 &topLeft.x=100&topLeft.y=200&bottomRight.x=100.01&bottomRight.y=123.12&searchStartDate=01/02/2012&searchEndDate=03/02/2012 http://localhost:8080/SpatialCubeService/Data/Export/Form	Not yet
/Data/Upload	http://localhost:8080/SpatialCubeService/Data/Upload.xml POST timeSliceId=&name=&files= http://localhost:8080/SpatialCubeService/Data/Form	Passed

/Data/Task	http://localhost:8080/SpatialCubeService/Data/Task.xml http://localhost:8080/SpatialCubeService/Data/Task.xml?searchType=Import&state=EXECUTION_ERROR http://localhost:8080/SpatialCubeService/Data/Task.xml?searchType=Import&state=EXECUTION_ERROR&pageSize=2	Passed
/Data/Task/{id}	http://localhost:8080/SpatialCubeService/Data/Task/111.xml http://localhost:8080/SpatialCubeService/Data/Task/2c9f852437961c9f0137961ce0200005.xml	passed
/Data/Query	http://localhost:8080/SpatialCubeService/Data/Query.xml file=data/add_binary_rsa.xml&threads=1&minx=0&minY=100&minY=0&maxY=100	passed