

DICOMweb™ Resources

Type	Path	Description
Query	GET {s}/studies?...	Query for studies
	GET {s}/studies/{study}/series?...	Query for series in a study
	GET {s}/studies/{study}/series/{seriesUID}/instances?...	Query for instances in a series
Retrieve	GET {s}/studies/{study}	Retrieve full study
	GET {s}/studies/{study}/series/{series}	Retrieve full series
	GET {s}/studies/{study}/series/{series}/instances/{instance}	Retrieve instance
	GET {s}/studies/{study}/series/{series}/instances/{instance}/frames/{frames}	Retrieve frames in an instance
	GET /{/bulkdataReferenceURI}	Retrieve bulk data
	Retrieve Modifiers	
/metadata – retrieve only headers (no pixel payload)		
/rendered – retrieve rendered instances of image		
Store	POST {s}/studies	Store instances
	POST {s}/studies/{study}	Store instances
Capabilities	OPTIONS {s}	Server capabilities
Workflow	POST {s}/workitems {?AffectedSOPInstance}	Create a work item
	POST {s}/workitems/{UPSInstance} {?transaction}	Update a work item
	GET {s}/workitems{?query*}	Search for work items
	GET {s}/workitems/{UPSInstance}	Retrieve a work item
	PUT {s}/workitems/{UPSInstance}/state	Change work item state
	POST {s}/workitems/{UPSInstance}/cancelrequest	Cancel work item
	POST {s}/workitems/{UPSInstance}/subscribers/{AETitle}{?deletionlock}	Create subscription
	POST {s}/workitems/ 1.2.840.10008.5.1.4.34.5/	Suspend subscription
	DELETE {s}/workitems/{UPSInstance}/subscribers/{AETitle}	Delete subscription
	GET {s}/subscribers/{AETitle}	Open subscription channel
N/A	Send event report	

Common DICOMweb™ Attributes

Type	Key	Value	Description
Query	{attributeID}	{value}	Query matching on supplied value
	includefield	{attribute} all	Include supplied tags in result
	fuzzymatching	true false	Whether query should use fuzzy matching
Retrieve	limit	{n}	Return only {n} results
	offset	{n}	Skip {n} results
	annotation	“patient” / “technique”	Add burned-in demographics / procedure details
	quality	{n}	Quality of image (lossy factor)
	viewport	vw,vh / sx,sy,sw,sh	Width and height, or crop to specific region
	window	centre,width, shape	Center of the range of gray scale in the image

DICOMweb™ Sample Payloads

XML	JSON
<pre><NativeDicomModel> <DicomAttribute Tag="00080020" VR="DT" Keyword="StudyDate"> <Value number="1">20130409</value> </DicomAttribute> <DicomAttribute Tag="00080030" VR="TM" Keyword="StudyTime"> <Value number="1">131600.0000</value> </DicomAttribute> ... </NativeDicomModel></pre>	<pre>{ "00080020": { "vr": "DT", "Value": ["20130409"] }, "00080030": { "vr": "TM", "Value": ["131600.0000"] }, ... }</pre>

(not complete examples)

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Scan the QR code or visit:

<https://www.dicomstandard.org/dicomweb/>

