

Bridge API Reference

List of Resources

User

Resource	Method	Description	API Version	Bridge Version
/groups	GET	Get a list of all user groups and their members.	2.8.0	Bridge 7.1.0
/groups/{id}	GET	Get group information an a list of members.	2.8.0	Bridge 7.1.0
	POST	Create a new user group.	2.8.0	Bridge 7.1.0
	PUT	Update the group details of a specific group.	2.8.0	Bridge 7.1.0
	DELETE	Delete a specific group.	2.8.0	Bridge 7.1.0
/users	GET	Get a list of all users and their details.	2.8.0	Bridge 7.1.0
/users/{id}	GET	Get the details of a specific user.	2.8.0	Bridge 7.1.0
	POST	Create a new user.	2.8.0	Bridge 7.1.0
	PUT	Update the details of a specific user.	2.8.0	Bridge 7.1.0
	DELETE	Delete a specific user.	2.8.0	Bridge 7.1.0

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All Services

Resource	Method	Description	API Version	Bridge Version
/services	GET	Get a list of all xUML, Node.js and Java services. For each service, you get type and current status.	1.0.0	Bridge 6.0.56.2
	POST	Deploy a service of any type (xUML, Node.js, Java).	2.5.0	Bridge 7.0.0-beta1

All xUML Services

Resource	Method	Description	API Version	Bridge Version
/xuml/java	GET	Get a list of all Java resource archives that have been uploaded to the E2E Bridge.	2.6.0	Bridge 7.0.0-beta2
	POST	Upload a Java resource archive to the E2E Bridge. If the resource already exists, you must remove it prior to uploading a new version.	2.6.0	Bridge 7.0.0-beta2
/xuml/java/{fileName}	GET	Get a specific Java resource archive.	2.6.0	Bridge 7.0.0-beta2
	DELETE	Delete a specific Java resource archive.	2.6.0	Bridge 7.0.0-beta2
/xuml/resource	GET	Get a list of all resource files that have been uploaded to the E2E Bridge.	2.6.0	Bridge 7.0.0-beta2
	POST	Upload a resource file to the E2E Bridge. If the resource already exists, you must remove it prior to uploading a new version.	2.6.0	Bridge 7.0.0-beta2
/xuml/resource/{fileName}	GET	Get a specific resource file.	2.6.0	Bridge 7.0.0-beta2
	DELETE	Delete a specific resource file.	2.6.0	Bridge 7.0.0-beta2


/xuml/variables	GET	Get a list of all setting variables and their values.	2.6.0	Bridge 7.0.0-beta2
	PUT	Change setting variables.	2.6.0	Bridge 7.0.0-beta2
	PATCH	Change a single setting variable.	2.8.0	Bridge 7.1.0
/xuml/xslt	GET	Get a list of all XSLT resources that have been uploaded to the E2E Bridge.	2.6.0	Bridge 7.0.0-beta2
	POST	Upload an XSLT resource file to the E2E Bridge. If the resource already exists, you must remove it prior to uploading a new version.	2.6.0	Bridge 7.0.0-beta2
/xuml/xslt/{fileName}	GET	Get a specific XSLT resource.	2.6.0	Bridge 7.0.0-beta2
	DELETE	Delete a specific XSLT resource file.	2.6.0	Bridge 7.0.0-beta2

Single xUML Service

Resource	Method	Description	API Version	Bridge Version
/services/xuml	GET	Get a list of all xUML services. For each service, you get type and current status.	1.0.0	Bridge 6.0.56.2
/services/xuml/{name}	GET	Get the current status of a specific service and a link list of all possible actions.	1.0.0	Bridge 6.0.56.2
	DELETE	Delete a specific xUML service.	2.3.0	Bridge 6.0.60
/services/xuml/{name}/customnotes	GET	Get the custom service description (custom notes file) of a specific xUML service.	1.0.0	Bridge 6.0.56.2
	PUT	Change the content of the custom model notes file.	1.0.0	Bridge 6.0.56.2
/services/xuml/{name}/info	GET	Get a list of all available SOAP and REST ports of a specific xUML service.	2.6.0	Bridge 7.0.0-beta2
/services/xuml/{name}/kill	PUT	Kill the running xUML service.	2.5.0	Bridge 7.0.0-beta1
/services/xuml/{name}/modelnotes	GET	Get a list of all available service descriptions (model notes files) that are available for a specific xUML service.	1.0.0	Bridge 6.0.56.2
/services/xuml/{name}/modelnotes/{file}	GET	Get the content of the service description (model notes file) of a specific xUML service.	1.0.0	Bridge 6.0.56.2
/services/xuml/{name}/owner	GET	Retrieve the current service owner.	2.14.0	Bridge 7.25.0
	PUT	Change the service owner. <div> Only users with role Admin can call PUT.</div>	2.14.0	Bridge 7.25.0
/services/xuml/{name}/preferences	GET	Get the preferences of a specific xUML service.	1.0.0	Bridge 6.0.56.2
	PUT	Change the preferences of a specific xUML service.	2.3.0	Bridge 6.0.60
/services/xuml/{name}/repository	GET	Export the repository file of a specific xUML service.	2.5.0	Bridge 7.0.0-beta1
/services/xuml/{name}/sessions	GET	Get a list of all sessions of a specific xUML service.	2.5.0	Bridge 7.0.0-beta1


/services/xuml/{name}/sessions/{sessionid}	DELETE	Delete the session of the xUML service with the given ID.	2.5.0	Bridge 7.0.0-beta1
/services/xuml/{name}/settings	GET	Get the settings of the xUML service. Modified settings and original values from model are reported.	1.0.0	Bridge 6.0.56.2
	PUT	Change the settings of a specific xUML service. If the request contains a non-existing setting id, it returns status code '400 (Bad Request)'.	2.3.0	Bridge 6.0.60
/services/xuml/{name}/start	PUT	Start a specific stopped xUML service.	2.3.0	Bridge 6.0.60
/services/xuml/{name}/stop	PUT	Stop a specific running xUML service.	2.3.0	Bridge 6.0.60
/services/xuml/{name}/version	GET	Get detailed version information of a specific xUML service.	2.8.0	Bridge 7.1.0

Java Services

Resource	Method	Description	API Version	Bridge Version
/services/java	GET	Get a list of all Java services. For each service, you get type and current status.	1.0.0	Bridge 6.0.56.2
/services/java/{name}	GET	Get the current status of the service and a link list of all possible actions.	1.0.0	Bridge 6.0.56.2
	DELETE	Delete the Java service.	2.5.0	Bridge 7.0.0-beta1
/services/java/{name}/kill	PUT	Kill the Java service.	2.9.0	Bridge 7.2.0
/services/java/{name}/owner	GET	Retrieve the current service owner.	2.14.0	Bridge 7.25.0
	PUT	Change the service owner. <div> Only users with role Admin can call PUT.</div>	2.14.0	Bridge 7.25.0
/services/java/{name}/preferences	GET	Get the preferences of the Java service.	1.0.0	Bridge 6.0.56.2
	PUT	Change the preferences of the Java service.	1.0.0	Bridge 6.0.56.2
/services/java/{name}/start	PUT	Start the stopped Java service.	1.0.0	Bridge 6.0.56.2
/services/java/{name}/stop	PUT	Stop the running Java service.	1.0.0	Bridge 6.0.56.2

Node.js Services

Resource	Method	Description	API Version	Bridge Version
/services/nodejs	GET	Get a list of all Node.js services. For each service, you get type and current status.	1.0.0	Bridge 6.0.56.2
/services/nodejs/{name}	GET	Get the current status of the service and a link list of all possible actions.	1.0.0	Bridge 6.0.56.2
	DELETE	Delete the Node.js service.	2.5.0	Bridge 7.0.0-beta1
/services/nodejs/{name}/kill	PUT	Kill the Node.js service.	2.9.0	Bridge 7.2.0
/services/nodejs/{name}/owner	GET	Retrieve the current service owner.	2.14.0	Bridge 7.25.0

	PUT	Change the service owner.  Only users with role Admin can call PUT.	2.14.0	Bridge 7.25.0
/services/nodejs/{name}/preferences	GET	Get the preferences of the Node.js service.	1.0.0	Bridge 6.0.56.2
	PUT	Change the preferences of the Node.js service.	1.0.0	Bridge 6.0.56.2
/services/nodejs/{name}/settings	GET	Get the settings of the Node.js service.	2.3.0	Bridge 6.0.60
	PUT	Change the settings of the Node.js service.	2.3.0	Bridge 6.0.60
/services/nodejs/{name}/start	PUT	Start the stopped Node.js service.	1.0.0	Bridge 6.0.56.2
/services/nodejs/{name}/stop	PUT	Stop the running Node.js service.	1.0.0	Bridge 6.0.56.2

Type "Link"

Type	Attribute	Type	Description	Examples
Link	rel	String	Name of the relation for href (see also list of relations below).	self http://e2e.ch/bridge/start
	href	String	Link corresponding to relation rel .	https://e2ebridge.e2e.ch:8080/bridge/rest/services/xuml https://e2ebridge.e2e.ch:8080/bridge/rest/services/xuml/EducationLesson1/start

The relations (**rel**) are stable within a major API version, but for the resource links (**href**) this is not guaranteed. You should read the resource link via the relation from the resource and not hard code the resource link.

Available Relations

Relation (rel)	Description	API Version	Bridge Version
self	href contains a link to the resource itself.	1.0.0	Bridge 6.0.56.2
http://e2e.ch/bridge/service	href contains a link to the service.	1.0.0	Bridge 6.0.56.2
http://e2e.ch/bridge/start	href contains a link to the start action of the service.	1.0.0	Bridge 6.0.56.2
http://e2e.ch/bridge/stop	href contains a link to the stop action of the service.	1.0.0	Bridge 6.0.56.2
http://e2e.ch/bridge/kill	href contains a link to the kill action of the service.	2.5.0	Bridge 7.0.0-beta1
http://e2e.ch/bridge/sessions	href contains a link to the list of running sessions of the service.	2.5.0	Bridge 7.0.0-beta1
http://e2e.ch/bridge/repository	href contains a link to the export action of the service.	2.5.0	Bridge 7.0.0-beta1
http://e2e.ch/bridge/preferences	href contains a link to the service preferences.	1.0.0	Bridge 6.0.56.2
http://e2e.ch/bridge/settings	href contains a link to the service settings.	2.3.0	Bridge 6.0.60
http://e2e.ch/bridge/modelnotes	href contains a link to the service description.	1.0.0	Bridge 6.0.56.2

http://e2e.ch/bridge/customnotes	href contains a link to the custom service description.	1.0.0	Bridge 6.0.56.2
http://e2e.ch/bridge/info	href contains a link to all SOAP and REST ports of the service.	2.6.0	Bridge 7.0.0-beta2