

## Proxy: Generic-Off-The-Shelf-WSDL

The BLKQCL-Control API is defined using WSDL. WSDL is a very widely supported format for describing the format of messages.

Nearly every major programming language or system contains some libraries for integrating with WSDL-based services.

These integration tools are uneven – some better than others. But if you wish to use a programming language/system which we don't directly support, you should seriously consider using generic WSDL tools within that language/framework to call out to the BLKQCL- system.

These proxies – being generic – and cross-language, are generally not (nearly) as easy to use as the custom/tuned proxies Block provides, but they are quite usable.

## Examples

Some example generic WSDL tools you may find helpful include:

### SOAPUI

This tool is **strongly** recommended. It will allow you to easily open the WSDL, point it at your BLKQCL device, and begin sending control messages.

### XML-Spy

This tool ALSO has WSDL capabilities, which will allow you to explore the operations in the WSDL, and invoke methods.

### Java (Eclipse or NetBeans)

Both Eclipse and NetBeans offer integrated WSDL support, as does the basic Java platform.

### Visual Studio.Net

C#.net (or other .net programming languages) can easily access SOAP services by 'referencing' those services, and then just directly calling methods. We provide a simple example of this in the current version of the SDK.

### C++/gSOAP

gSOAP can be used to build client proxies which are compatible with the BLKQCL WSDL API.