

WACI polled by Render Farms can it be SOAP?

Todd Cochrane

Paul Bryant

Geoff McIver

Wellington Institute of Technology
(WelTec)
Wellington, New Zealand
Todd.Cochrane@weltec.ac.nz

The digital media industry seems to be growing in New Zealand. Small companies do not often have the financial and technical skills required to develop tools that increase rendering of sequences of “frames” in an animation or rendering of a single frame for the purposes of preview prior to subsequent adjustment. A prototype of a web service for small media companies has been implemented. It contains a Web Application Communication Interface (WACI) that accepts requests for render jobs and returns results of a job undertaken by Render Farms. These requests and transmissions are encapsulated in HTTP Requests in a manner similar to W3C’s SOAP. In this paper we compare the encapsulation of plain XML with SOAP in the protocol developed to communicate with WACI..