

SOAP - EXAMPLES

http://www.tutorialspoint.com/soap/soap_examples.htm

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In the example below, a *GetQuotation* request is sent to a SOAP Server over HTTP. The request has a *QuotationName* parameter, and a Quotation will be returned in the response.

The namespace for the function is defined in <http://www.xyz.org/quotation> address.

Here is the SOAP request –

```
POST /Quotation HTTP/1.0
Host: www.xyz.org
Content-Type: text/xml; charset=utf-8
Content-Length: nnn

<?xml version="1.0"?>
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://www.w3.org/2001/12/soap-envelope"
SOAP-ENV:encodingStyle="http://www.w3.org/2001/12/soap-encoding" >

  <SOAP-ENV:Body xmlns:m="http://www.xyz.org/quotations" >

    <m:GetQuotation>
      <m:QuotationsName>MiscroSoft</m:QuotationsName>
    </m:GetQuotation>

  </SOAP-ENV:Body>

</SOAP-ENV:Envelope>
```

A corresponding SOAP response looks like –

```
HTTP/1.0 200 OK
Content-Type: text/xml; charset=utf-8
Content-Length: nnn

<?xml version="1.0"?>
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://www.w3.org/2001/12/soap-envelope"
SOAP-ENV:encodingStyle="http://www.w3.org/2001/12/soap-encoding" >

  <SOAP-ENV:Body xmlns:m="http://www.xyz.org/quotation" >

    <m:GetQuotationResponse>
      <m:Quotation>Here is the quotation</m:Quotation>
    </m:GetQuotationResponse>

  </SOAP-ENV:Body>

</SOAP-ENV:Envelope>
```