

# *Distributed Software Development Using Google with SOAP*

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## 9-2: Using Google's Web Services

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- Google also provides a Web Services interface to their data.
- They use SOAP, rather than REST.
  - It's possible to send a URL from a program, but results are returned in HTML, rather than XML.
- This was a big point of contention when Google put this out - they'd previously had a REST-style interface, which is no longer freely available.

## 9-3: SOAP review

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- Recall that SOAP uses a procedural model, rather than a data-retrieval model.
- Method/procedure names, input and output parameters are encoded in the body of a SOAP message.
- Service API is exposed as a WSDL file
  - A particular flavor of XML Schema.
- This allows clients to automatically generate code to interface with the service.