

## Developing Cloud Native Applications

### Module 5 Glossary: REST Architecture and Watson API

Term	Definition
IBM Watson	The artificial intelligence offering from IBM. It uses natural language processing (NLP), computer vision, and machine learning technologies to analyze and reveal insights from large amounts of unstructured data.
JSON	“JavaScript Object Notation” is a text format for temporarily storing structured data used to exchange that data over a network, usually between client and server.
Language Translator	An IBM Watson service that translates text from one language to another.
Natural Language Classifier	An IBM Watson service that returns the best matching classes for a sentence or phrase.
NLU	“Natural Language Understanding” is an IBM Watson service which analyzes unstructured text content.
Object	An unordered collection of zero or more name-value pairs.
Postman	An application for interacting with HTTP APIs. It presents a friendly graphical user interface (GUI) for constructing requests and reading responses.
REST	“Representational State Transfer” is an architecture style for building Web resources such as HTML documents, images, and script files. It provides standards between computer systems on the Web, making it easier for clients to communicate with servers.
Speech to Text	An IBM Watson service which converts the human voice into written words, supporting languages like English, Japanese, Arabic, Mandarin, Portuguese, Spanish, and French.
Tone Analyzer	An IBM Watson service which is an Artificial Intelligence driven service that applies linguistic analytics to detect joy, fear, sadness, anger, analytical, confident and tentative tones found in text.
URI	“Uniform Resource Identifier” describes the network location of a resource.
Visual Recognition	An IBM Watson service that classifies and recognizes objects.