KNIME Community Session: KREST

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What is KREST?

- KREST – the KNIME REST integration plugin
- REST = REpresentational State Transfer
  - Very powerful method to implement uniform, lightweight web service APIs which provide read and write access to web resources through URLs
  - REST is everywhere: Check out e.g. mashape.com
- Convert representations of web resources (in CSV, XML, JSON format) into KNIME tables and vice versa
What's new? 1/2

Batch GET node:

- Fetch multiple resources with one request
  - Conversion works the same
  - Output table looks different (one row per resource)
What's new? 2/2

- Extension point for authentication
  - Implement your own authentication protocols
  - Uses `com.cenix.jerseyauth.custom`
  - Comes with HTTP Basic Access and HTTP Digest Access implementations
- Improved JSON and XML representation parsing
- Extension point for cookies
  - `com.cenix.krest.nodes.cookie`
- KREST is now a trusted extension!
Thank You!
Questions?