

Dataweave 2.0 (Mule 4) Student Notes

Dataweave Docs Page

<https://docs.mulesoft.com/mule-runtime/4.4/dataweave>

Dataweave Home Page

<https://dataweave.mulesoft.com/?icn=blogpost> [hyperlink](#) [solution](#) [DataWeave](#)

Dataweave Migration Guide 1.0 to 2.0

<https://docs.mulesoft.com/mule-runtime/4.4/migration-dataweave>

Selectors

<https://docs.mulesoft.com/dataweave/2.4/dataweave-selectors>

Dataweave Mime-Types

<https://docs.mulesoft.com/mule-runtime/4.4/dataweave-formats>

Dataweave Data Types

<https://docs.mulesoft.com/mule-runtime/4.4/dataweave-types>

ReadUrl Function

<https://docs.mulesoft.com/mule-runtime/4.4/dw-core-functions-readurl>

Mask and Update Functions

<https://docs.mulesoft.com/dataweave/2.4/dw-values-functions-mask>

<https://docs.mulesoft.com/dataweave/2.4/dw-operators#update-operator>

<https://docs.mulesoft.com/dataweave/2.4/dw-operators#scope-and-flow-control-operators>

application/json output format configuration

<https://docs.mulesoft.com/mule-runtime/4.4/dataweave-formats-json#writer-properties-for-json>

<https://docs.mulesoft.com/dataweave/2.4/dataweave-formats-json>

Functional Programming

- <https://docs.microsoft.com/en-us/dotnet/standard/linq/functional-vs-imperative-programming>
- <https://medium.com/@shaistha24/functional-programming-vs-object-oriented-programming-oop-which-is-better-82172e53a526#>

Auto-Coercion table in Dataweave

<https://docs.mulesoft.com/mule-runtime/4.4/dataweave-types-coercion#type-coercion-table>

Dynamic Evaluate Component (Runs dataweave scripts based on conditions)

<https://docs.mulesoft.com/mule-runtime/4.4/dynamic-evaluate-component-reference>

Dataweave Memory Management (Streaming)

<https://github.com/pedes/mule-streaming-large-file> (sample project for streaming)
<https://docs.mulesoft.com/mule-runtime/4.4/dataweave-memory-management>
<https://docs.mulesoft.com/dataweave/2.4/dataweave-memory-management>
<https://docs.mulesoft.com/dataweave/2.4/dataweave-system-properties>
<https://docs.mulesoft.com/dataweave/2.4/dataweave-streaming> (Streaming)
<https://www.linkedin.com/pulse/how-do-memory-management-dataweave-ravi-tamada/>

Dataweave Playground

<https://dwleng.fun/>
<https://github.com/estebanwasinger/dataweave-playground>
<https://github.com/search?q=dataweave>

Dataweave Plugin for VSCode (Visual Studio Code)

Final Guide how to install it

<https://gist.github.com/pedes/8001f87c8add4a3a2b41d6d40ebf5d31>
<https://beta.docs.mulesoft.com/beta-dataweave/dataweave/2.4/dataweave-extension-plugin#run-and-debug-a-dataweave-mapping>
<https://marketplace.visualstudio.com/items?itemName=MuleSoftInc.dataweave>

How to create libraries:

<https://developer.mulesoft.com/tutorials-and-howtos/dataweave/dataweave-libraries-in-exchange-getting-started/>
<https://beta.docs.stgx.mulesoft.com/beta-dataweave/dataweave/2.4/dataweave-maven-plugin>
<https://blogs.mulesoft.com/dev-guides/dataweave-libraries/>

Dataweave CLI

<https://github.com/mulesoft-labs/data-weave-native>

Sample Dataweave Scripts

<https://github.com/sivanjc/dataweave>

MuleSoft Developer Tutorials (Dataweave Section)

<https://developer.mulesoft.com/tutorials-and-howtos>
<https://github.com/alexandramartinez/dataweave-scripts>

Help.mulesoft.com Articles - Knowledge Base

- <https://help.mulesoft.com/s/article/How-to-troubleshoot-DataWeave>
- <https://blogs.mulesoft.com/dev-guides/how-to-tutorials/untie-multilevel-structures-dataweave-recursive-calls/>

Dataweave Tutorial (Collaborate is an open-source project)

<https://github.com/mulesoft-labs/data-weave-tutorial>

Validate Inputs (Security Guide) (Apply it using dataweave functions)

https://cheatsheetseries.owasp.org/cheatsheets/Input_Validation_Cheat_Sheet.html