Anypoint Platform Development Fundamentals: Student Notes

Important Resources

- Certification: https://training.mulesoft.com/certification/developer-mule4-level1
- Certification Mock Exam:
  https://training.mulesoft.com/course/development-fundamentals-mule4/quiz-diy
- Free Study Materials:
  https://training.mulesoft.com/course/development-fundamentals-mule4
- Additional Exercises (Do it Yourself):
  https://training.mulesoft.com/course/development-fundamentals-mule4/quiz-diy

APIs, Types and Best Practices

HTTP Protocol RFC
https://tools.ietf.org/html/rfc7231

RAML Specification **(Certification)**
https://github.com/raml-org/raml-spec/blob/master/versions/raml-10/raml-10.md

REST APIs Best Practices https://restfulapi.net/

GraphQL on Anypoint P. https://www.mulesoft.com/platform/anypoint-design-center/datagraph
https://docs.mulesoft.com/datagraph/

REST Original Document https://www.ics.uci.edu/~fielding/pubs/dissertation/rest_arch_style.htm

Async API
https://www.asyncapi.com/docs/getting-started/asyncapi-documents/

Mime types:
https://developer.mozilla.org/en-US/docs/Web/HTTP/Basics_of_HTTP/MIME_types

Semantic Versioning **(Certification)**
https://semver.org/

Knowledge and Assets Management

MuleSoft Catalyst
- https://catalyst.mulesoft.com/
- Future Catalyst 2.0: https://knowledgehub.mulesoft.com/s

Anypoint Exchange
https://docs.mulesoft.com/exchange/

API Community manager
https://videos.mulesoft.com/watch/NUbdWsfkgYWEc97DpbNUes

Markdown for Exchange portals
https://guides.github.com/features/mastering-markdown/

Asynchronous Communication

- JMS: https://en.wikipedia.org/wiki/Jakarta_Messaging
- **(Certification)** VM Queues: https://docs.mulesoft.com/vm-connector/2.0/
- Anypoint MQ (Requires additional license):

Cloudhub (Anypoint Platform)

Log4J2 Logging Framework
https://logging.apache.org/log4j/2.x/

Cloudhub Architecture
https://docs.mulesoft.com/runtime-manager/cloudhub-architecture#cloudhub-workers

Worker Size
https://docs.mulesoft.com/runtime-manager/deploying-to-cloudhub#worker_sizing

API Policies: https://docs.mulesoft.com/api-manager/2.x/policies-ootb-landing-page

Oauth2
https://oauth.net/2/

Dataweave

Dataweave Reference **(Certification)**
https://docs.mulesoft.com/mule-runtime/4.3/dw-functions

Dataweave Playground https://developer.mulesoft.com/learn/dataweave/

Formatting Java Numbers & Dates
https://docs.oracle.com/javase/7/docs/api/java/text/DecimalFormat.html
https://docs.oracle.com/javase/8/docs/api/java/time/format/DateTimeFormatter.html

Dataweave Output Formats
https://docs.mulesoft.com/mule-runtime/4.3/dataweave-formats

Error Handling (additional material)

- https://blogs.mulesoft.com/dev-guides/how-to-tutorials/error-handling-in-mule-for-java-programmers/
- https://blogs.mulesoft.com/dev-guides/how-to-tutorials/mule4-error-handling-deep-dive/ **(Certification)**

Additional Resources

How to submit an idea for the product?
https://blogs.mulesoft.com/dev-guides/how-to-submit-your-idea-to-the-idea-portal/

MuleSoft Developer Page and Tutorials
https://developer.mulesoft.com/home-b