

# Introducing JAX-RS Implementation Framework Extensions

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# Textbook

- Bogunuva Mohanram Balachandar. RESTful Java Web Services - Third Edition (2017). Packt Publishing Limited.
  - Chapter 5: Introducing JAX-RS Implementation Framework Extensions

# Sample Code

- Available at <https://go.newai.vn/2S1XE4W>

# Update Log

- 29/01/2020: release first version of this slide

# Objective

- Dynamically configuring JAX-RS resources during deployment
- Modifying JAX-RS resources during deployment using ModelProcessor
- Building HATEOAS APIs
- Reading and writing large binary objects using Jersey APIs
- Generating chunked output using Jersey APIs
- Supporting server-sent events (SSE) in RESTful web services
- Understanding Jersey server-side configuration properties

# Objective

- Monitoring RESTful web services using Jersey APIs
- RESTEasy framework extensions

# Outline

1. Jersey framework extensions
2. Generating a chunked output using Jersey APIs
3. RESTEasy framework extensions
4. Summary

# Chapter Content

- Chapter contents are available in the main textbook of this course.



# Summary

# Summary

- In this chapter, we covered some very useful extensions offered by the Jersey and RESTEasy frameworks
- These features are really useful to address specific use cases that you may see very often in real-life REST API development
- Remember that all the features that we discussed in this chapter are not part of the JAX-RS standard (unless otherwise stated)
- It is always best practice to go with the standard and minimal use of extensions to avoid vendor lock-in
- Therefore, if your application really needs some vendor-specific offering, consider all the aspects and then take a decision

# Summary

- In the next chapter, you will learn how to secure RESTful web services

**END OF CHAPTER**