

# Project Jigsaw

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Oracle

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## Safe Harbor Statement

The following is intended to outline our general product direction. It is intended for information purposes only, and may not be incorporated into any contract.

It is not a commitment to deliver any material, code, or functionality, and should not be relied upon in making purchasing decisions.

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# Agenda

- A modular Java Platform and Project Jigsaw
- Project Jigsaw Status
- Demonstrations



# Goal

A comprehensive understanding  
of the current state  
of Project Jigsaw



# A Java Platform Module System

- Scalable
- Performant
- Secure
- Approachable

(See [Project Jigsaw: Goals & Requirements](#))



# Project Jigsaw

- Design and implement a standard Module System for the Java Platform
- Apply to the Platform and JDK; and
- Apply on top of the JDK

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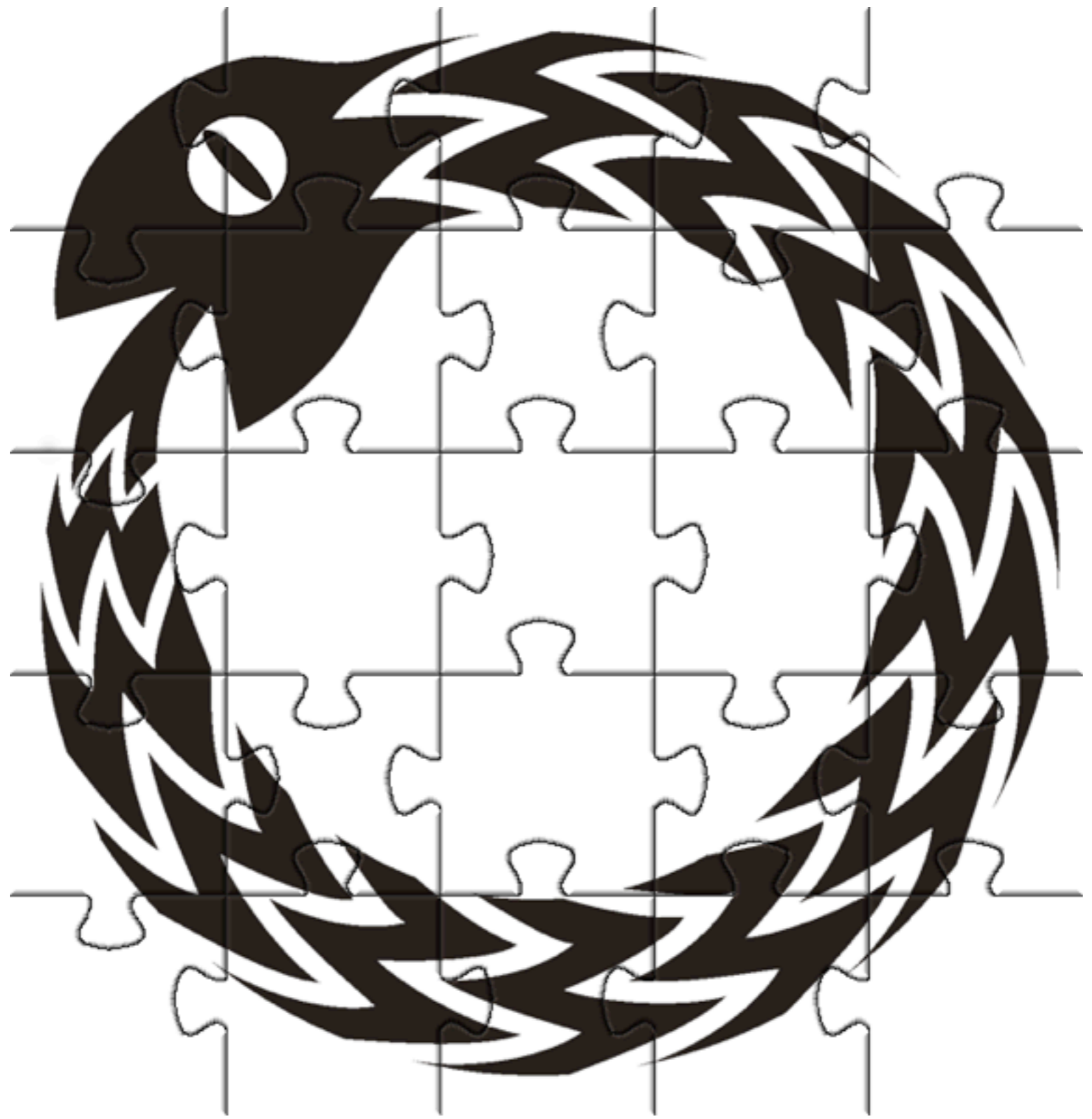
7

#Devoxx #java

@PaulSandoz

Friday, November 14, 14





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# No Pain, No Gain



# No Pain, No Gain

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`tools.jar`

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# No Pain, No Gain

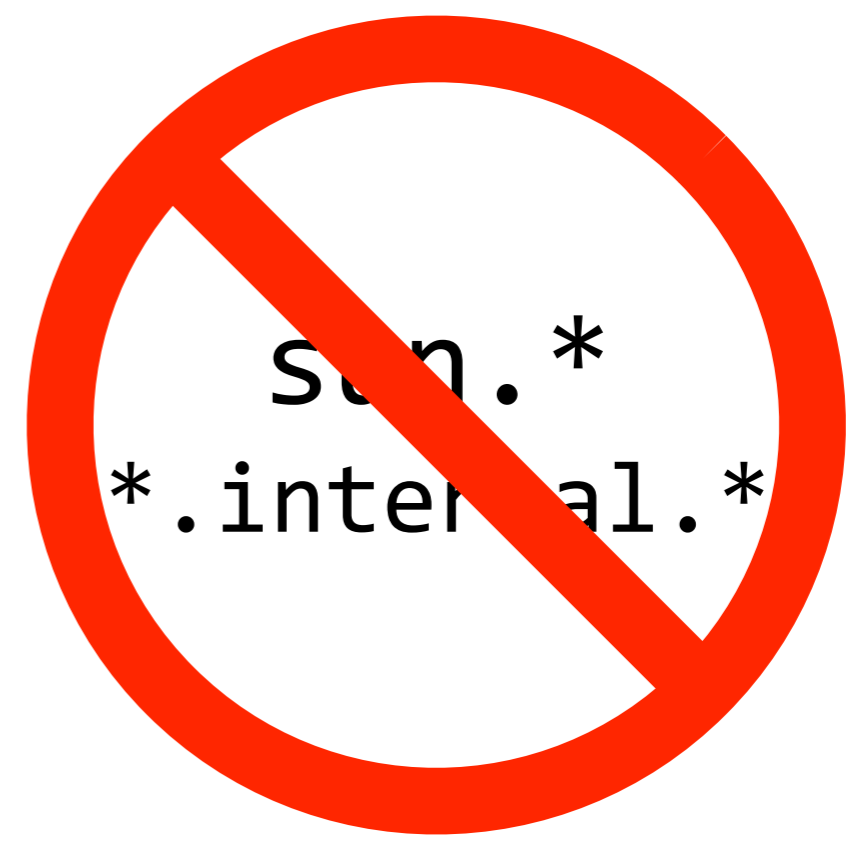


# No Pain, No Gain



sun.\*  
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# No Pain, No Gain



The logo for Devoxx, featuring the word "Devoxx" in a stylized, blocky font. The "x"s are crossed, and the "o"s are squares. The "TM" trademark symbol is at the top left.

# Project Jigsaw Status

- JEP 200: The Modular JDK ✘
- JEP 201: Modular Source Code ✓
- JEP 220: The Modular Run-Time ✘
- JEP ?: “The JDK Module System” ✘
- JSR ?: “The Java Platform Module System”
- JSR ?: Java SE 9 Release Contents



# Demonstrations

- Modular source layout with [jdk9/dev](#)
- Run-time [image](#) with [jigsaw/m2](#)
- The module system with a *prototype*
  - IO example
  - Modular Guice
  - Service loader using Modular Guice