The MathServices App Case Study: Implementing Client-related Classes

Douglas C. Schmidt
d.schmidt@vanderbilt.edu
www.dre.vanderbilt.edu/~schmidt

Professor of Computer Science
Institute for Software Integrated Systems
Vanderbilt University
Nashville, Tennessee, USA
Learning Objectives in this Part of the Lesson

• Understand the implementation of the client-related classes that send/receive HTTP GET requests/responses to/from the MathServices App microservices
Implementing the MathServices Client-related Classes
Implementing the MathServices Client-related Classes

@Component
public class MathServicesClient {
    /**
     * This auto-wired field connects the {@link MathServicesClient}
     * to the {@link GCDProxy} that performs HTTP requests
     * synchronously.
     */
    @Autowired
    private GCDProxy mGCDProxy;

    /**
     * This auto-wired field connects the {@link MathServicesClient}
     * to the {@link PrimalityProxy} that performs HTTP requests
     * synchronously.
     */
    @Autowired
    private PrimalityProxy mPrimalityProxy;
End of the MathServices App Case Study: Implementing Client-related Classes