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Web services overview and concepts

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Web services runtime environment

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development activities of analysis and design code and unit test A common theme running through all parts of the book is the use of tooling and automation to improve productivity and streamline the development process In Part 1 we introduce the WebSphere programming model the application development tools and the example application we use in our discussions In Part 2 we cover the analysis and design process from requirements modeling through object modeling and code generation to the usage of frameworks In Part 3 we cover coding and building an application using the Java 2 Software Development Kit WebSphere Studio Version 4 and VisualAge for Java Version 4 We touch on Software Configuration Management using Rational ClearCase and provide coding guidelines for WebSphere applications We also cover coding using frameworks such as Jakarta Struts and WebSphere Business Components In Part 4 we cover application testing from simple unit testing through application assembly and deployment to debugging and tracing We also investigate how unit testing can be automated using JUnit In our examples we often refer to the PiggyBank application This is a very simple J2EE application we created to help illustrate the use of the tools concepts and principles we describe throughout the book   WebSphere Version 6 Web Services Handbook IBM Redbooks,Ueli Wahli,2005   **WebSphere Application Server** ,2005

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web 7 8 api standard 650 7 3 7 hydrostatic testing requirements 7 3 7 1 the tank hydrostatic test shall be conducted before permanent external piping is connected to the tank 15 except for piping that is necessary to fill and empty the tank which should have a flexible component to allow for settlement

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web q does api publish procedures on hydrostatic testing a although api 650 and 653 have requirements on when a hydrostatic test must be performed they do not have detailed procedures on how a hydrostatic test is performed there is information available in api 650 appendix s section s 4 10 specific to stainless steel tanks api

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web in new tanks the api 650 standard doesn t necessarily asks for a settlement measurement to be done during hydrostatic tests if there is no settlement expected for example a tank over a giant rock it might not need settlement measurements but that s a decision that is entirely up to the owner

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web may 1 2011   to material googlegroups com gents after the completion of a tank hydro test some temporary attachment welding has been made on the shell and roof plates what action needs to be taken at

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web feb 4 2011   the following component welds shall be examined by the liquid penetrant method before the hydrostatic test of the tank a the shell to bottom inside attachment weld b all welds of opening connections in tank shell that are not completely radiographed including nozzle and manhole neck welds and neck to flange welds