



# Apache Jakarta Commons: Reusable Java(TM) Components

*Will Iverson*

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## **Apache Jakarta Commons: Reusable Java(TM) Components** Will Iverson

The Apache Jakarta Commons project is a collection of freely-reusable, open-source Java components. Commons components are used in a wide variety of projects, including Apache Tomcat, Hibernate, and many other commercial and open source projects. This book is a Java developer's guide to the Apache Jakarta Commons project. It covers in detail the twelve most important Commons packages, with sample program code provided for each. Included are a number of remarkably useful ideas for working with the various Commons packages, such as using HttpClient to access web resources, File Upload for handling HTTP file upload, BeanUtils for easy form generation, implementations of various protocols such as FTP and NNTP, and building a command line tool to search for the location of classes on the class path. Also included are detailed instructions for combining the Commons project libraries with the popular Eclipse IDE. Plus, the book includes a handy 75-page Jakarta Commons quick reference Appendix.

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