Data Validation Encyclopedia Article

Data Validation

The following sections of this BookRags Literature Study Guide is offprint from Gale's For Students Series: Presenting Analysis, Context, and Criticism on Commonly Studied Works: Introduction, Author Biography, Plot Summary, Characters, Themes, Style, Historical Context, Critical Overview, Criticism and Critical Essays, Media Adaptations, Topics for Further Study, Compare & Contrast, What Do I Read Next?, For Further Study, and Sources.

(c)1998-2002; (c)2002 by Gale. Gale is an imprint of The Gale Group, Inc., a division of Thomson Learning, Inc. Gale and Design and Thomson Learning are trademarks used herein under license.

The following sections, if they exist, are offprint from Beacham's Encyclopedia of Popular Fiction: "Social Concerns", "Thematic Overview", "Techniques", "Literary Precedents", "Key Questions", "Related Titles", "Adaptations", "Related Web Sites". (c)1994-2005, by Walton Beacham.

The following sections, if they exist, are offprint from Beacham's Guide to Literature for Young Adults: "About the Author", "Overview", "Setting", "Literary Qualities", "Social Sensitivity", "Topics for Discussion", "Ideas for Reports and Papers". (c)1994-2005, by Walton Beacham.

All other sections in this Literature Study Guide are owned and copyrighted by BookRags, Inc.



BOOKRAGS

Contents

Data Validation Encyclopedia Article.....1

Contents.....2

Data Validation.....3

Data Validation

Data validation is that process by which data is verified to be correct or complies with specific standards or rules. It is used in many different fields within Information Technology. An typical example is verifying the information a user enters into a web form is correct. The data validation section of the web form script sets the standard for **precision** and accuracy of the data and thus limits the room for error. For example, if you ask the user to type in his/her name using the standard format of "lastname, firstname". Your data validation section of the script would verify that the user is typing in a text answer in that specific format. The script compares the entered text to an example. If the answer is in the same format, then that data is accepted as valid. If the user typed in his/her social security number or anything else in a different format, the data is invalid and the form is rejected when the user tries to submit it. Note, this does not mean it removes all room for error. The information the user types is valid, not verified (correct). The user could insert "ewrew, werew" in the name section. Although this isn't a real name, it is nevertheless a valid name, because it follows the correct format.