Parameter List Encyclopedia Article

Parameter List

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.



Contents

Parameter List Encyclopedia Article.....1

Contents.....2

Parameter List.....3

Parameter List

A **parameter** list, sometimes called an **argument** list, is a sequence of parameter **declarations** found in the header of a **function**, procedure, program or **subroutine**. All the parameters used in such types of **code** must be listed in the header of that function or procedure or the function must include a directive to where the parameters are listed, as is the case when using global parameters. The parameter list is basically just a list of the parameters and their characteristics, the parameter declarations. In some **programming** languages the entire parameter list is enclosed in parenthesis and each **parameter declaration** is separated from the next by a semicolon. Further each parameter declaration is composed of the parameter **identifier**, followed by a colon and the type identifier, and in some cases this is followed by symbols that assign the parameter a default **value**. The different parameter declarations are ordered in the parameter list. That is that there is a **constraint** or limiting **attribute** attached to an **association** to signify that the objects at one end are specified in some explicit order.

Parameters that can be transferred from one function or procedure to another have a transfer or passing protocol specified by its parameter list. Also the number and types of parameters that a function accepts and the number and types of values it returns are described in the parameter list. For a generic function all methods for that function must have congruent parameter lists.