

# EXHIBIT 6

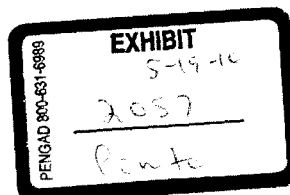
Addison-Wesley Information Technology Series

# Function Point Analysis

*Measurement Practices  
for Successful Software  
Projects*

**David Garmus**  
**David Herron**

*Foreword by Capers Jones*



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*Library of Congress Cataloging-in-Publication Data*

Garmus, David.

Function point analysis : measurement practices for successful software projects / David Garmus and David Herron.

p. cm. — (Addison-Wesley information technology series)

Includes bibliographical references and index.

ISBN 0-201-69944-3

1. Computer software—Development. 2. Function point analysis.  
I. Herron, David (David E.) II. Title. III. Series.

QA76.76.D47.G36 2000

005.14—dc21

00-060558

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This document contains material that has been extracted from the International Function Point Users Group (IFPUG) 4.1 Counting Practices Manual. It is reproduced in this document with the permission of IFPUG (<http://www.ifpug.org>).

ISBN 0-201-69944-3

Text printed on recycled paper

2 3 4 5 6 7 8 9 10 11—MA—0706050403

Second printing, April 2003



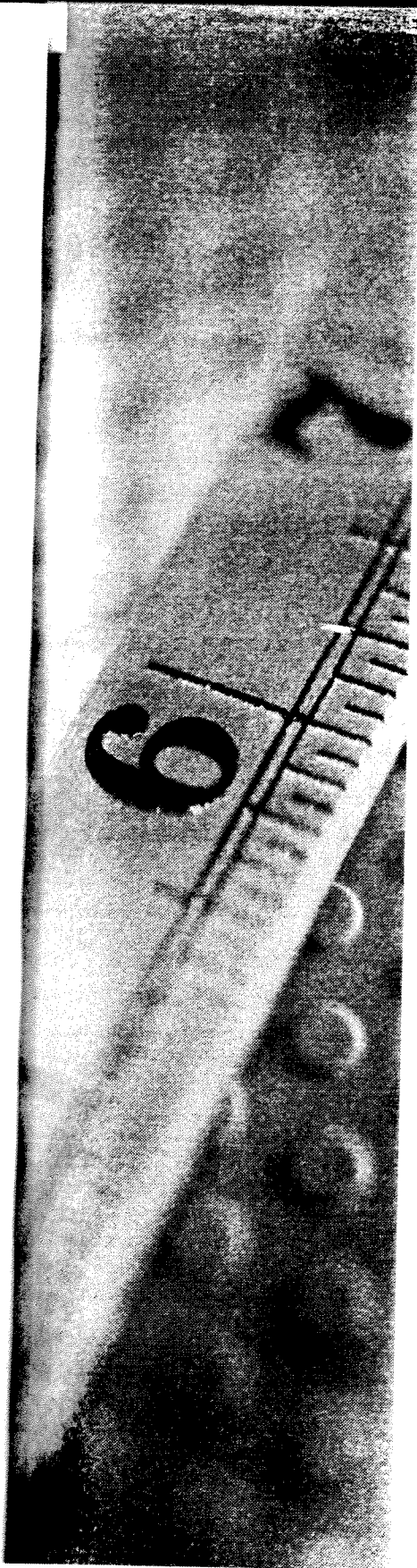
## Foreword

In the mid-1970s, IBM commissioned an engineer named Allan Albrecht and his colleagues to explore software measurements and metrics. The motives for this assignment were the growing importance of software within IBM, coupled with the problems and limitations of “lines of code” metrics.

After more than a year of research and discussion, Albrecht and his team formulated the first version of the metric now known as “function points.” Function point metrics were intended to be independent of the amount of code in software applications. Further, function point metrics were intended to be useful for analyzing the entire life-cycle of software projects from early requirements through many years of maintenance and enhancement.

After several years of usage within IBM, it was decided by IBM executives to make function point metrics available to customers and to the software industry as a whole. In October of 1979, Albrecht presented a paper on “Measuring Application Development Productivity” in Monterey, California at a conference jointly sponsored by IBM and two IBM customer associations called SHARE and GUIDE. This was the first external publication of function point metrics to the software industry.

Usage of function point metrics began to spread among IBM customers and then among other companies that were interested in software measurements. By 1984 function point



## Introduction

This is our second book to be published on the topic of function points and software measurement practices. Since the writing of our last book, there have been some important advancements in the function point methodology and in the software industry. This book is primarily about the function point methodology and the use of function points in managing the development and deployment of software. We have incorporated the latest changes to the function point methodology, and we describe how this sizing methodology applies to the latest technologies in the software development environment. In addition, we include chapters detailing the applied use of function points in estimating software development projects and the use of function points in conjunction with software measurement programs.

The intent of this book is to provide a comprehensive presentation on the function point methodology to the practitioner. Toward that end we have included and further defined the rules and guidelines as prescribed by the International Function Point Users Group (IFPUG), following the latest release (4.1) of the Function Point Counting Practices Manual (CPM).

In addition, we would like this book to be read by non-practitioners. Some individuals in the software industry are either unaware of function points or have a misconception about the effective use of function points. It is to this group that we have addressed several chapters on the use of function points—focusing particularly on how they may be used