

## <<易读代码的艺术>>

### 图书基本信息

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## <<易读代码的艺术>>

### 内容概要

作为程序员，我们经常看到一些充满Bug、让我们头痛不已的丑陋代码。在过去五年中，《易读代码的艺术(影印版)》的作者波斯韦尔(Dustin Boswell)和富彻(Trevor Foucher)分析了许多这样的“糟糕代码”(这些代码有很多是出自于他们自己之手)，他们试图厘清为什么这些代码如此糟糕以及如何改进这些代码。他们得出的结论是：你必须写出让他人(这里也包括你自己)花费最少时间能够理解的代码。

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### 作者简介

Dustin Boswell，毕业于加州理工学院，在谷歌公司从事过五年的Web信息采集基础设施和广告营销计划的研究工作。

他先后构建过多个Web站点，目前的主要研究兴趣在于大数据的处理和机器学习领域的相关技术。

Trevor Foucher，过去十年中先后在微软公司担任Windows及安全相关产品的工程师、经理和技术领导者的职务，现任职于谷歌公司，主要从事谷歌广告营销计划和搜索基础设施的研究工作。

## <<易读代码的艺术>>

### 书籍目录

#### PREFACE

##### CODE SHOULD BE EASY TO UNDERSTAND

What Makes Code "Better"?

The Fundamental Theorem of Readability

Is Smaller Always Better?

Does Time-Till-Understanding Conflict with Other Goals?

The Hard Part

#### Part One SURFACE-LEVEL IMPROVEMENTS

##### PACKING INFORMATION INTO NAMES

Choose Specific Words

Avoid Generic Names Like Imp and retul

Prefer Concrete Names over Abstract Names

Attachin9 Extra Information to a Name

How Long Should a Name Be?

Use Name Formatting to Convey Meaning

Summary

##### NAMES THAT CAN'T BE MISCONSTRUED

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Example: Clip(text, length)

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Prefer fit and last for Inclusive Range

Prefer herin and end for Inclusive/Exclusive Range

Name Boolean

MatchinR Expectation of Use

Example: EvaluatinR Multiple Name Candidates

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Organize Declaration into Blocks

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##### KNOWING WHAT TO COMMENT

What NOT to Comment

Recording Your Thoughts

Put Yourself in the Reader's Shoes

Final Thoughts--Getting Over Writer's Block

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Polish Sloppy Sentences

Describe Function Behavior Precisely

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Summary

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The Order of if/else Blocks

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Summary

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### 媒体关注与评论

“意识到你所编写的代码如何影响他人的阅读和理解是软件开发中的一个重要环节。本书的作者通过大量启发式的例子带领读者从多个不同的方面去迎接这一挑战，在这一领域做出了伟大的工作。

” ——Michael Hunger，软件开发人员，Neo Technology

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