

# Portability



- In addition to making hardware backward compatible, we have also made software **portable**.
- In describing software, “portable” means that the software can be run on a variety of computers. Another term used is independence, in this case machine or **hardware independence**. Assembly’s use of specifics of the registers makes it machine dependent.
- One has to program at a ***higher level*** to gain machine independence.
- Of course, someone must deal with the specifics of the hardware but it doesn’t have to be you (Layering).

# Software Portability An Advanced Course

**Ricardo Reis**



## Software Portability An Advanced Course:

**Software Portability** P. J. Brown,1979-10-18      **Software Portability** ,1977      Software portability ,1977

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,1978     **Functional Programming and Its Applications** J. Darlington,P. Henderson,D. A. Turner,1982-02-18

**Proceedings of the Fourth International Conference Information Systems Development - ISD '94** Jože Zupančič,Stanislaw Wrycza,1994     **Tools and Notions for Program Construction** D. Néel,1982 This book comprises two principal categories of approaches to programming issues the intellectual notions and the software tools Back cover

**Proceedings [of The] Workshop on Reusability in Programming** ,1983     Taming the Tiger Leon S. Levy,2012-12-06 A small program is presented to motivate the concerns for programmer productivity and program quality that are the central issues of this set of essays The example is one which demonstrates the performance aspect of programming In order to achieve program quality where a program is understood and known to be correct we need a primary program description This primary program description not only describes the program but is also used to generate the program The method of applying primary program descriptions to produce programs is called metaprogramming and is described in Chapter 3 In the later chapters we show how the method can be analyzed from an economic point of view to address the issues of productivity as well 1 Introduction In thinking about programming over the last decade I have concluded that very little is known about the process of programming or the engineering of software 1 The consequence of having very little established truth to use as a basis for thinking about programming is that almost every conclusion must be reasoned out from first principles Also you cannot rely solely on textbooks but must use experimentation and direct observation to gain some experience with which to proceed

## The Enigmatic Realm of **Software Portability An Advanced Course**: Unleashing the Language is Inner Magic

In a fast-paced digital era where connections and knowledge intertwine, the enigmatic realm of language reveals its inherent magic. Its capacity to stir emotions, ignite contemplation, and catalyze profound transformations is nothing short of extraordinary. Within the captivating pages of **Software Portability An Advanced Course** a literary masterpiece penned with a renowned author, readers set about a transformative journey, unlocking the secrets and untapped potential embedded within each word. In this evaluation, we shall explore the book's core themes, assess its distinct writing style, and delve into its lasting effect on the hearts and minds of those who partake in its reading experience.

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