

Abstraction and specification in program development

MIT Press - What is Abstraction (Computer Science)?

Abstraction by Specification

- Hide implementation details of a module and focus instead on what it does (rather than how it does it)
 - Specify the behavior that module's users can depend on
 - Can generalize across multiple implementations
 - Change module's behavior without changing its usage
- **Example:** Recipe for making pasta (Serves 2)
 - Step 1: Boil 2 cups of water in a sauce-pan
 - Step 2: Add 6 cups of pasta when water comes to a boil
 - Step 3: **Sautee** 5 grams of vegetables in an another pan
 - Step 4: Mix **sauteed** vegetables with the **cooked** pasta
 - Step 5: Add pasta sauce, cheese and salt to taste

Description: -

- Communism -- Portugal.
Mao, Zedong, 1893-1976 -- Influence.
Computer programmingAbstraction and specification in program development

- Vault career library

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Textos de intervenção ;
The MIT electrical engineering and computer science seriesAbstraction and specification in program development
Notes: Includes bibliographies and index.
This edition was published in 1986



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Tags: #Abstraction #and #Specification #in #Program #Development #by #Barbara #Liskov

Abstraction in Java

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Abstraction And Specification In Programme Development

For instance: reports are generated by clicking on a given button.

Program Development In Java Abstraction Specification And Object Oriented Design PDF Book

It creates indirection, and incidentally, complexity, which mean headaches for your brain.

A Detailed Guide to Abstraction in Software with Examples

Everything has a cost: using abstractions should be a thoughtful decision.

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