“OBJECT-ORIENTED SYSTEMS ANALYSIS”

Search results: 3,320,000

Examples:

Wikipedia

> *Object-oriented analysis and design (OOAD) is a popular technical approach for analyzing, designing an application, system, or business by applying the object-oriented paradigm and visual modeling throughout the development life cycles to foster better stakeholder communication and product quality.*
>
> > *Object-oriented programming (OOP) is a programming paradigm based on the concept of "objects", which may contain data, in the form of fields, often known as attributes; and code, in the form of procedures, often known as methods. A feature of objects is that an object's procedures can access and often modify the data fields of the object with which they are associated (objects have a notion of "this" or "self"). In OOP, computer programs are designed by making them out of objects that interact with one another.[1][2] There is significant diversity of OOP languages, but the most popular ones are class-based, meaning that objects are instances of classes, which typically also determine their type.*

(Read: possibly an industry redundancy, or, a tiny lexical bridge.)

tutorialspoint

> *In the system analysis or object-oriented analysis phase of software development, the system requirements are determined, the classes are identified and the relationships among classes are identified.*
>
> *The three analysis techniques that are used in conjunction with each other for object-oriented analysis are object modeling, dynamic modeling, and functional modeling.*

Presented out of context from the site’s overarching topic flow.

University of Missouri–St. Louis

> *Most new client/server application development tools emphasize object-oriented features. The introduction of the object-oriented approach in the 1970s marked a radical change in the methodology and approach of large-scale application development. "The old paradigm, Algorithmic Decomposition, offered a top-down methodical approach. Large and small-scale applications relied heavily on testing and debugging to meet the required specifications". Object Oriented Design (OOD) fundamentally changed the way software designers and specification writers approached the problem of efficiently designing applications.*
>
> *OOD allows large-scale applications to be developed in independent modules. Object-oriented decomposition provides a method to decompose a complex arrangement by the primary objects apparent in the system. "Once the objects are defined and the system functionality is assigned, major components of the software system are developed independently. The parallel development and testing of individual modules requires strict adherence to the specification interface requirements".*

While the two entry paragraphs are not the easiest read, this site provided the clearest understanding of the search term.