



This Vs That



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- Programming paradigm
- Computing Architectures
- Scaling
- Data Processing
- Data Address
- Types of cloud
- Consistency Requirements

Programming paradigm

Structured programming, object oriented programming, functional programming, aspect oriented programming, Parallel Programming (map-reduce programming), etc.

Computing:

Client Server Architecture Vs Master Slave Architecture

Shared Nothing Vs Shared Disk Architecture

Scaling:

Horizontal scaling (Scale Out) vs Vertical scaling (Scale Up)

Data Processing:

OLTP (Online Transaction Processing) Vs OLAP (Online Analytical Processing) VS RTAP (Real Time Analytical Processing)

Data Address:

Data at rest Vs Data in motion

Types of clouds:

cloud(web)/public vs on-premise/private vs Hybrid

Consistency Requirements:

ACID (Atomicity, Consistency (Strong), Isolation, Durability)

Vs

BASE (Basically Available Soft state Eventual consistent)

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Class comments



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