

AOL-Concurrent Program Types

Outline

- ▶ What is Concurrent Program
- ▶ Types and Purpose of Concurrent Programs

What is Concurrent Program?



concurrent

/kənˈkʌr(ə)nt/

adjective

1. existing, happening, or done at the same time.
"there are three concurrent art fairs around the city"
synonyms: simultaneous, coincident, coinciding, contemporaneous, synchronous; [More](#)

A **concurrent program** is an executable file that runs simultaneously with other **concurrent programs** and with online operations, fully utilizing your hardware capacity. Typically, a **concurrent program** is a long-running, data-intensive task, such as posting a journal or generating a report.

[Overview of Concurrent Programs and Requests \(User, System ...](#)

https://docs.oracle.com/cd/A60725_05/html/comnls/us/fnd/overcon.htm

define concurrent process



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Concurrent processing is a computing model in which multiple processors execute instructions simultaneously for better performance. **Concurrent means** something that happens at the same time as something else.

[What is concurrent processing? - Definition from WhatIs.com](#)

<https://searchoracle.techtarget.com/definition/concurrent-processing>

Types and Purpose of CP

Type	Programming Language	Purpose
PL/SQL Stored Procedure	PLSQL	<ol style="list-style-type: none">1. Data Validation2. Invoke Other PLSQL API's3. Invoke Standard CP4. Outbound Interface
Oracle Reports	SQL/PLSQL	<ol style="list-style-type: none">1. Generate Reports2. HTML/TXT/PDF
Host	Shell Script	<ol style="list-style-type: none">1. To Invoke PLSQL/SQLLoader Programs2. To Perform OS Level Functionalities effectively - like file copy
SQL *Loader	SQLLoader Control File	<ol style="list-style-type: none">1. Inbound Interface
SQL *Plus	SQL/PLSQL	<ol style="list-style-type: none">1. Outbound Data Extract
Java Concurrent Program	Java	<ol style="list-style-type: none">1. For XML Publisher Reports(XDODTEXE)