GLOSSARY OF SAP
ABAP (BASICS TO ADVANCED)

A Quick Reference Guide to SAP Terminologies

Concept/Term	Definition
ABAP (Advanced Business Application Programming)	SAP's proprietary programming language. Used to develop applications in the SAP environment.
SE80 (Object Navigator)	A central workbench tool in SAP for ABAP development. Allows access to programs, classes, function modules, and more.
SE38	Transaction code to create, modify, and execute ABAP programs. Primarily for working with reports.
Report Program	An executable ABAP program that retrieves and displays data. Created using START-OF-SELECTION and END-OF-SELECTION.
Module Pool Program	Used for developing custom dialog transactions. Includes screens, flow logic, and user interactions.

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Concept/Term	Definition
Internal Table	A temporary table stored in memory. Used to hold and process data during runtime.
Work Area	A single record structure used to process entries in internal tables. Acts like a buffer.
Structure	A data object that holds fields of various types. Used for grouping related data.
Data Dictionary (SE11)	Repository that defines and manages data definitions (tables, views, types, domains).
Transparent Table	A table stored in the database with a one-to-one relationship to the Data Dictionary definition.
Pooled Table	Stored in a table pool in the database. Multiple pooled tables share the same physical storage.

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SAP ABAP (Basics to Advanced)
Key Concepts

Concept/Term	Definition
Cluster Table	Similar to pooled tables but optimized for storing related records. Stored in table clusters.
Domain	Defines the technical attributes (data type, length) of a field. Reused across multiple tables.
Data Element	Describes the semantics of a field. Provides field labels and documentation.
Function Module	Reusable procedures stored in function groups. Can be called globally within the SAP system.
RFC (Remote Function Call)	Allows calling function modules in remote SAP systems. Used in cross-system integration.

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Concept/Term	Definition
BAPI (Business Application Programming Interface)	Standardized function modules provided by SAP. Used to interact with business objects.
ALV (ABAP List Viewer)	A set of function modules and classes to display tabular data. Enhances report readability.
BDC (Batch Data Communication)	Used for automated data entry in SAP transactions. Works via session or call transaction method.
LSMW (Legacy System Migration Workbench)	A tool to transfer data from legacy systems into SAP. Uses standard import methods.
Open SQL	A subset of SQL supported by SAP. Used to interact with database tables in a platform-independent way.

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SAP ABAP (Basics to Advanced)
Key Concepts

Concept/Term	Definition
Native SQL	Direct database-specific SQL statements. Bypasses SAP's database abstraction layer.
SELECT Statement	Used to retrieve data from database tables into internal tables or variables.
LOOP...ENDLOOP	A control structure used to iterate through internal tables. Executes logic per record.
FORM Routine	Reusable procedure defined in the program. Called using PERFORM.
Subroutine Pool	A collection of reusable FORM routines stored separately. Can be called from other programs.
Class & Object	Part of Object-Oriented ABAP. Classes define behavior; objects are instances of classes.

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Concept/Term	Definition
Inheritance	An OOP concept where a subclass inherits properties and methods from a superclass.
Polymorphism	Allows methods to behave differently based on the calling object. Implemented via method overriding.
Encapsulation	Hides internal object details from outside access. Achieved using visibility sections.
Constructor Method	A special method that runs when an object is instantiated. Initializes class attributes.
Interfaces	Define a contract of methods for classes. Used to implement consistent behavior across classes.

Concept/Term	Definition
Events in ABAP OOP	Triggered from one object and handled by another. Enables dynamic communication between objects.
Exception Handling	Mechanism to handle runtime errors gracefully. Uses TRY…CATCH…ENDTRY block.
SAP Scripts	A legacy tool for designing print layouts. Includes layout sets, pages, windows, and text elements.
SmartForms	A tool for creating and maintaining forms for printing. Replaces SAP Scripts with easier maintenance.
Adobe Forms	Advanced form designer in SAP. Supports interactive and print-based forms using Adobe Lifecycle Designer.

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Concept/Term	Definition
Enhancement Framework	Allows adding custom logic without modifying standard code. Includes user exits, BAdIs, and implicit enhancements.
User Exit	Customer-specific enhancements implemented in pre-defined SAP include programs.
Customer Exit	Enhancements that use EXIT_ function modules. Part of older enhancement techniques.
BAdI (Business Add-In)	Object-oriented enhancement technique. Allows multiple implementations.
Implicit Enhancement	Enhancements inserted at predefined spots in SAP standard code without using exits.

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Concept/Term	Definition
SAP Event Trace (ST05)	Tool for tracing SQL statements and performance issues. Used for performance tuning.
Runtime Analysis (SE30)	Tool for analyzing program execution and performance bottlenecks.
Code Inspector (SCI)	Used to perform static code checks for syntax, performance, and security issues.
AT SELECTION-SCREEN	Event triggered when interacting with the selection screen. Used for validations and initializations.
START-OF-SELECTION	Main event block in executable programs. Data processing begins here after user input.

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Concept/Term	Definition
END-OF-SELECTION	Event that triggers after all data processing. Often used for final output preparation.
TOP-OF-PAGE	Used to define page headers in classical lists. Triggered before a new page is printed.
SY-TABIX	System variable indicating the current index in a loop over internal tables.
SY-SUBRC	Return code of the last ABAP operation. 0 means success; other values indicate errors or conditions.
Transaction Code (T-code)	A shortcut to access a specific SAP screen or program. Commonly used for navigation.