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SAP NetWeaver Developer Studio 11.13.6

The **SAP NetWeaver Developer Studio** (NWDS) is an integrated development 11.13.6
environment (IDE) for most of the Java part of SAP technology, mainly building business
web applications, but also creating SAP Enterprise Portal projects and SAP Interactive
Forms by Adobe. The official abbreviation *Developer Studio* is used seldom whereas *NWDS*
is common, but unofficial.

The Developer Studio is based on Eclipse, contains several plug-ins and provides a range of
toolsets for SAP technology such as for example

- the *Web Dynpro design time tools*, e.g. the *application modeler* for visual definition of
  relations between the parts of a Web Dynpro application.
- the *Java Dictionary*, which offers convenient definition of data types including
  enumeration, metadata and value range restrictions, that may be used in Web Dynpro
  applications or to create a database table in the system database used in J2EE
  applications.
- graphical tools for the development of JEE applications.
- *LiveCycle Designer* for WYSIWYG-near creation of SAP Interactive Forms by Adobe.
- tooling for Business Process Management and Business Rules Management (since
  NetWeaver CE 7.1 EHP 1).
- tooling for the provisioning, consumption, discovery and configuration of web services.

The Developer Studio is integrated into the SAP Java development infrastructure, which is a
central system providing several platform services and synchronizes all local Developer
Studios.

Among the platform services are the *software logistics* for reliable transport from
development up to production systems and the *component build service* (CBS). CBS
automatically builds changed development components (DCs) and only upon successful
build, transport and deployment is possible - hence, inconsistency are detected immediately
and nightly builds are not required.

Synchronization is supported for so-called *development configurations*, ensuring identical
configuration for a track (roughly a single software project) on all local machines, source
code by the designtime repository (DTR) and several other aspects.

See also

- NetWeaver for more information on the platform
- List of Eclipse-based software

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