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Library Builder

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Intel@ Math Kernel Library, <http://www.intel.com/software/products/mkl>

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Introduction to Library Builder

This section introduces you to the Library Builder, discusses its benefits and supported operating systems.

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1. Libraries created using ADS 2009 or earlier version need to be upgraded to ADS2011 compatible format. To upgrade your libraries, see *ADS 2011 PDK Upgrade* (oaqkref).
 2. ADS 2011 supports only library upgrade option. Library creation and modification is supported only till ADS 2009 version.
 3. For information on creating a new library using ADS 2009, see [Creating a New Library](#) .
 4. Library Builder is not included in a standard ADS installation. It is available as a restricted download requiring a separate license to run.

For any further help, contact Agilent EDA EEsof Business Support.

Library Builder Overview

The Library Builder tool reduces the effort of library development by making it easier to create and manage all aspects of ADS library creation and configuration. This includes, the contents of the library and various parameter definitions of the components and layouts. The new graphical interface also provides a straight forward method for library development that is less error prone. Once the libraries have been configured, they can be saved for future use, or encoded and packaged for distribution as ADS Design Kits.

Key Benefits

The Library Builder enables you to perform the following:

- Generate the ADS design kits from an easy to use Graphical User Interface (GUI).
- Encode your S-parameter data files and netlist model files.
- Specify the layout artwork for the components.
- Compressing (zipping) the design kit for easy distribution.

Key Features

- Generate design kits using the command line interface.
- Open and edit the library information in the spreadsheet view.
- Import the comma separated values (CSV) file into Library Builder.
- Save the library information in the intermediate file (XML format) for future use.

Supported Components

The Library Builder supports six types of components:

Component	Type
Resistor	R
Capacitor	C
Inductor	L
SNP	SNP
Netlist Based	Netlist Based
ADS Design Kit Component	ADS Design Kit (formerly, ADS Custom Component)

Supported Operating Systems

Library Builder is only supported in the following Windows operating systems, Windows XP, and Windows Vista.