

Training Services

The curriculum is based on twenty years of experience creating and maintaining applications of all types in various industries, based on the Natural/Adabas development platform.

The focus of each class is to reach beyond mere Natural syntax and to instill in the student an appreciation of efficiency, performance, and best practices.

Classes may be presented as workshops or seminars. All training classes may be tailored to the client's specific requirements.

We want our clients to feel that they are receiving excellent value for their training dollars, so our classes are content-rich and fast-paced.

LEN CONSULTING LLC supports users of Software AG's flagship products, Adabas® and Natural®, through system development and training services.

ZZUtils is a set of utilities designed to improve the productivity of Natural developers by complementing Natural's feature-rich toolset.

For more information, contact Ralph Zbrog at RGZbrog@ZZUtils.com or call 562 208 5470.

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Adabas and Natural are registered trademarks of Software AG.



LEN CONSULTING LLC



Faster Code. Faster.

www.ZZUtils.com

Consulting Services

Consulting services are offered in the following areas:

- ◆ Performance improvement
- ◆ Application development
- ◆ Analysis and design
- ◆ Project management
- ◆ Database administration

ZZUtils

ZZUtils is comprised of over two dozen utilities intended for use by Natural programmers and administrators. They help to improve both the quality and quantity of a developer's output.

ZZUtils is written entirely in Natural, intended to run on all hardware/software platforms compatible with Natural itself.

Interested in a free copy of ZZUtils? Join the ZZUtils Partner Program. For more information, see www.ZZUtils.com/partner.html.



ZZUtils

Here is a sample of the functionality available in ZZUtils.

- ◆ **ZZADACMD** displays the Adabas commands generated in a Natural executable object. An excellent quality control and educational tool.
- ◆ **ZZCOPINC** imports a COBOL copybook into an LDA.
- ◆ **ZZCOPYBK** converts an LDA into a COBOL copybook.
- ◆ **ZZLOCATE** searches all libraries for a module name or wild card, displaying timestamp data for each occurrence.
- ◆ **ZZTDOC** creates technical source code walkthrough documentation for Natural and COBOL. It will format a WORD document, containing up to ten modules, showing all source modifications.
- ◆ **ZZVPARM** converts a DDM into a parameter data area, with field name, format, and length attributes.