

JavNat and Nat2EGL - Getting Started	
<p>Migrating a legacy software application to more modern technologies is often a challenging technical and management activity. Even more so with tightly integrated applications such as those developed using Natural and Adabas.</p> <p>Getting started with the right approach is the key to success. This document describes step-wise activities and strategies recommended by FBDA to ensure your migration project is built on a solid foundation of objective data and experiences.</p>	
<p style="text-align: center;">Step 1</p> <p style="text-align: center;">Application Blueprinting</p>	<p>FBDA will analyze the Customer Natural source code (programs, subprograms, subroutines, help routines, MAPS, data areas, and DDMs) as well as the Adabas FDTs by parsing and creation of a parsed source code data repository.</p> <p>The NatMiner analysis will provide a series of web-viewable HTML reports with contents to include:</p> <p style="padding-left: 40px;">detailed application metrics such as module and line counts by type; details of calls to Non-Natural modules with passed parameters; details of objects referenced but not included in the delivered source code; CRUD details; all data area and MAP references; FDT complexity and usage of Adabas MU and PE features; details of problematic statements such as REINPUT that require post migration manual inspection or editing; and various related administrative reports.</p> <p>The Blueprint Reports will allow the Customer and FBDA to objectively estimate the cost and schedule parameters of a migration project and support preparation of realistic project budgets.</p> <p>The Customer will be responsible for providing the Natural source code in SYSTRANS/SYSOBJ format and the Adabas FDTs in ADAREP or SYSTRANS/SYSOBJ format.</p>
<p style="text-align: center;">Step 2</p> <p style="text-align: center;">Migration Pilot Project</p>	<p>FBDA will audit the Customer source code libraries to identify and delete obsolete or non-compileable source modules; analyze of all applications external interfaces to determine the optimum technical approach for supporting these interfaces in the target environment; and implement a Level 1(major functional components) partitioning of the application source code and Adabas files.</p> <p>FBDA will transform selected samples of the Adabas data and Natural source code components including:</p> <p style="padding-left: 40px;">developing a relational schema equivalent to the Adabas file structures of the selected application components; extracting sample Adabas data from ADAULD file(s) and transforming it to load file for the target RDBMS; transforming selected sample source modules to confirm the quality, "look and feel" and functionality of the converted code.</p> <p>The Pilot Project will provide confirmation of migration project feasibility and cost estimates, as well as provide an objective basis for full project planning.</p>
<p>Notes:</p>	<p>Application Blueprinting and Pilot Projects are quoted fixed price. Contact FBDA for details.</p>