

Your BizTalk Dev Buddy!!

What is BizTalk NoS Ultimate?

BizTalk NoS Ultimate is a Visual Studio add-in for BizTalk developers that will improve the experience while developing BizTalk projects. The add-in can be installed as an extension to Microsoft Visual Studio and offers lots of useful functionalities (in addition to existing features) for developers by which they can save valuable time while working on their day-to-day activities and improve the productivity. BizTalk development is typically considered brutal, and we wanted to change it.

Why do you need BizTalk NoS Ultimate?

If you are a BizTalk developer,

- How much time do you spend to test a pipeline?
- Say, you have multiple environments running and the behavior across the environments are different, how do you make sure which environment has the latest version running?
- How do you check for internal dependencies between different artifacts?
- Can you easily find out what a complex orchestration is doing?

If you have trouble in these areas while building a BizTalk project (solution), then this is where BizTalk NoS comes to your rescue. BizTalk NoS solves the challenges you face during the day-to-day development activities by offering some nifty features that are unavailable in the traditional Visual Studio.

Features of BizTalk NoS Ultimate

BizTalk NoS Ultimate offers the following features -

Scan the solution

Analyzes your solution (files, folders, DLLs) to understand what actually comprises your BizTalk solution. Scanning the solution also collects the number of projects within the solution, types of artifacts that exist in the solution, and if there are any dependencies between the projects.

Expand

Easily expand all the projects within your solution.

Provides a simple and neat visualization of the entire structure of your solution.

Wild Card Search

Perform a full textual search across all the artifacts within your solution. This is very similar to making a search inside a single artifact with the Visual Studio search feature, but the add-in extends the search across all the artifacts in your solution. And, that's just not it!! You need not worry about case sensitivity while searching, and additionally you can open all the artifacts that meet the search value.

Reflector

How cool would it be if you are presented with a report that contains meaningful information about your entire solution or a particular project? BizTalk NoS Ultimate offers exactly the same kind of features such as statistics, solution metrics, artifact metrics, artifact dependencies, number of shapes in the orchestration, and so on. In addition to these, the reports are interactive – you can open the artifacts as you read the reports! These reports can also serve as a good documentation source of your BizTalk projects.

Build Project

This functionality is very similar to what exists in Visual Studio. But what's the difference then? The difference lies in the execution power of the add-in. When your solution file is huge with lots of projects, building a single project can get time consuming, given the internal dependencies between projects. With the add-in, you have the option of building only the required project.

Register/Unregister in GAC

How many times have you thought of having an easy way to register/unregister a DLL into GAC. This is now possible with BizTalk NoS through register/unregister in GAC functionality. The entire process can now be done through the Visual Studio window.

Deploy Assembly

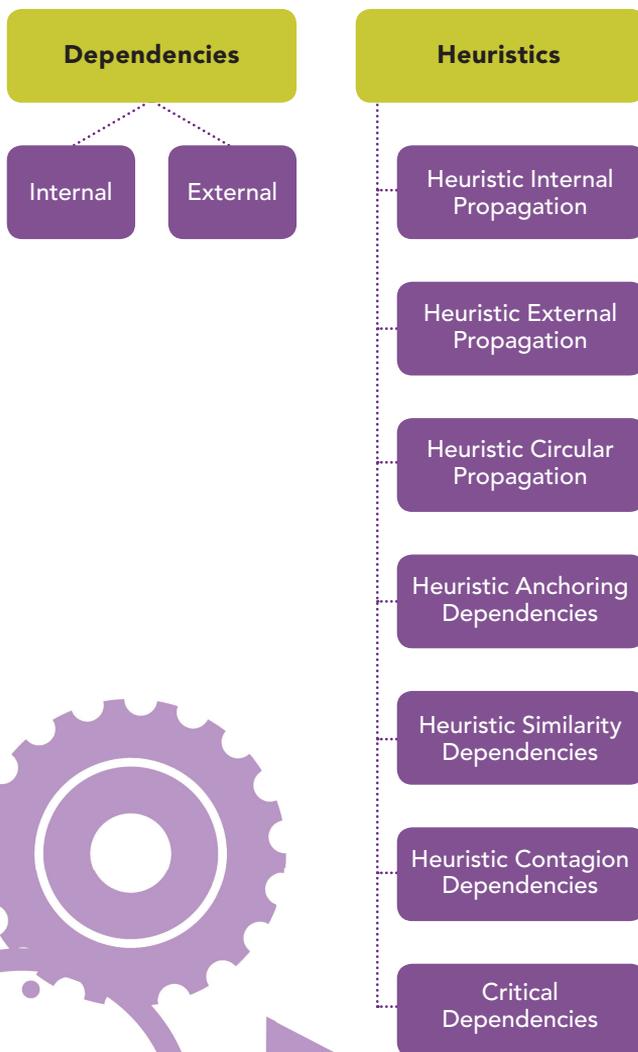
Deploy a BizTalk assembly directly from the bin directory in Visual Studio. This is very similar to adding/updating a resource from the BizTalk server administration console.

Locate it

Want to easily locate a specific file within a project structure? The BizTalk NoS offers the Locate it functionality where you can simply key in the search text and ..Dang!! You will see what you need. The added advantage for this feature is that you need not have the Solution Explorer window to be opened. The search will automatically open the Solution Explorer window.

Dependencies

You can deal with the dependencies between BizTalk artifacts through the different options available in the add-in. Few of the options available are –



Jackhammering

How do you check whether the version in development is the same as the solution that's on the production environment? With BizTalk NoS, you can jackhammer BizTalk in order to compare the artifacts in your development environment with that in production. It's a very useful feature for BizTalk developers & administrators.

Refactor

Similar to .NET reflector functionality, Refactor will create a more simple report with a circular (internal & external) reference with other artifacts. In addition, you will receive a detailed statistic information about who's using the artifact, which other artifacts is the current artifact consuming, and so on.

Test Pipeline

You've the option to test your pipeline right within the Visual Studio developer environment. You need not use a separate BizTalk Pipeline Framework or use the Pipeline.exe tool anymore!

Test Pipeline Component

Similar to testing a pipeline, you can now test a custom pipeline component through Visual Studio. In just 2-3 steps, you can configure and test (debug) your pipeline component.

How do I get the BizTalk NoS Ultimate?

You can download the BizTalk NoS Ultimate trial version from <http://www.biztalk360.com/nos>

About Kovai Limited

Kovai Limited is an Independent Software Vendor (ISV) headquartered in London, United Kingdom and having operations based out of Coimbatore, India. Our vision is to "Keep it small, simple, and real; and be focused" solving some of the day to day challenges especially around integration area. Customer support is our top most priority, and we do whatever it takes to set it right.



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