

Re: MIDAS/Datasnap Alternative

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<http://coding.derkeiler.com/Archive/Delphi/borland.public.delphi.thirdpartytools.general/2006-03/msg00160.html>

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Guys

I appreciate your interest and comments.

DDCAppservice is a homegrown product that we developed internally to improve on DataSnap. We are developers, not a tools company. We use this product daily in developing solutions for our own clients. We are constantly looking for ways to make this better to increase our productivity.

I will try to answer questions that have been raised. Certainly the alternatives (ASTA, RemObjects) are excellent, well established products and we dont have any illusions of displacing these products.

The early versions of DCCAppService have been around since 2001. We made a small effort in Nov 2003 to guage interest in the Delphi community. We advertised in Delphi Informant, but soon after the magazine folded. Recently while perusing this forum, I thought i would drop a line again to guage interest.

How is this product different? I am not an expert on the other product. What I can do is talk of ours.

High Performance & Scalability : DDCAppservice is an I/O Completion Ports based socket server. If you are unfamiliar with IOCP's there are the most advanced, efficient way of developing server applications.

For a brief overview, see

<http://www.sysinternals.com/Information/IoCompletionPorts.html>. A handful of threads, and subsequently, a handful of DB connections can service many client connections. Increasing the client base does not typically require changing anything on the server.

Reliability : We use DDCAppService in our own deliverables servicing Oracle, SQL Server, Access DB's in thin client desktop as well as web based applications. One installation of an AppService can support multiple server applications spanning multiple heterogeneous databases.

Extendibility, Better Maintainability, Faster Time to Market

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The other products based their approach on a GUI based server where one needs to create a datamodule and then drop a query component and a provider component for each logical data provider. we have applications that have over 1000 providers. Thats a large datamodule.

Our approach is to define these providers in external XML files. Adding a provider is as simple as adding a provider definition

```
<Provider>  
<Name>dspKIL
```