

Mitch wrote:

- > Thanks for the info. Particular about migrating to a commercial
- > application. I had assumed that perhaps IDL had a "run time" version
- > that could be embedded in another application. This would be viable
- > for a reasonable run time fee and terms.

IDL does indeed have the ability to create run-time versions. I suggest you call up IDL to get the details.

- > Our data sets are small when looking at the breadth of application of
- > IDL. The challenge is coming up with a model that can "recognize"
- > patterns in the data. I'm not sure that just dumping the raw data into
- > a neural net (or other algorithm) would work. We may need to do some
- > "feature extraction" and feed that to our recognizer. The other bit of
- > info is that we may have multiple traces taken over a period of time.
- >
- > Maybe we'll take your suggestion and roll our own. Can you point me to
- > any sources of code examples for things like peak detection and noise
- > estimation?

A place to start is [netlib.org](http://netlib.org).

## 2.1) What is Netlib?

The Netlib repository contains freely available software, documents, and databases of interest to the numerical, scientific computing, and other communities. The repository is maintained by AT&T Bell Laboratories, the University of Tennessee and Oak Ridge National Laboratory, and by colleagues world-wide. The collection is replicated at several sites around the world, automatically synchronized, to provide reliable and network efficient service to the global community.

Cheers,  
bob

- > Language is open for our prototype, but the final product may have to
  - > be in C# (the new MS language (java clone)).
  - >
  - > Mitch
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