

# AMDUUS INFORMATION WORKS, INC.

## Object Oriented Programming Training

*Starting with version 10.1A Progress' OpenEdge development system included the ability for object oriented programming. OOP allows for easier maintenance, expansion of capability, and better understanding of the source code making your software.*

Aspect	Take-Away
Difference in approach in OOP versus procedural and functional programming	Differences in analysis and implementation using the new technique compared to others
Some benefits of OOP in terms of maintenance and extending functionality	Some why's one OOP oriented towards developer acceptance of it as a strategy
Basic syntax and what it means	Building blocks for implementation
Try out some basic data structures like a queue, stack, linked list so one can get a feel on commonly used/taught stuff	Practice implementation on known problems and gain understanding towards application
More advanced stuff like inheritance and code re-use	Implementation of more advanced concepts
Mixing OOP and procedural (yea, it can be done nicely)	Applying OOP to existing systems – it doesn't need to stand alone
OOP and the database manipulations	OOP and relational theory are somewhat different – how to merge the two
Try out some OOP with a *test* environment so one can see actual implementation details in your environment. (You will need to come up with some simple ideas on what you need to do and we will try to make an OOP solution to it.)	Application of OOP development techniques to problems directly effecting the company.

### *Presented By Scott Augé*

*A Progress OpenEdge developer since the version 6.3E release.  
He has worked as a contractor in manufacturing, service, government,  
financial systems among other product areas.*

*Scott has publications both in books and E-Zine form. E-Zines are  
available here:*

*<http://www.oehive.org/amduus/FreePublications/EZineArchive/>*