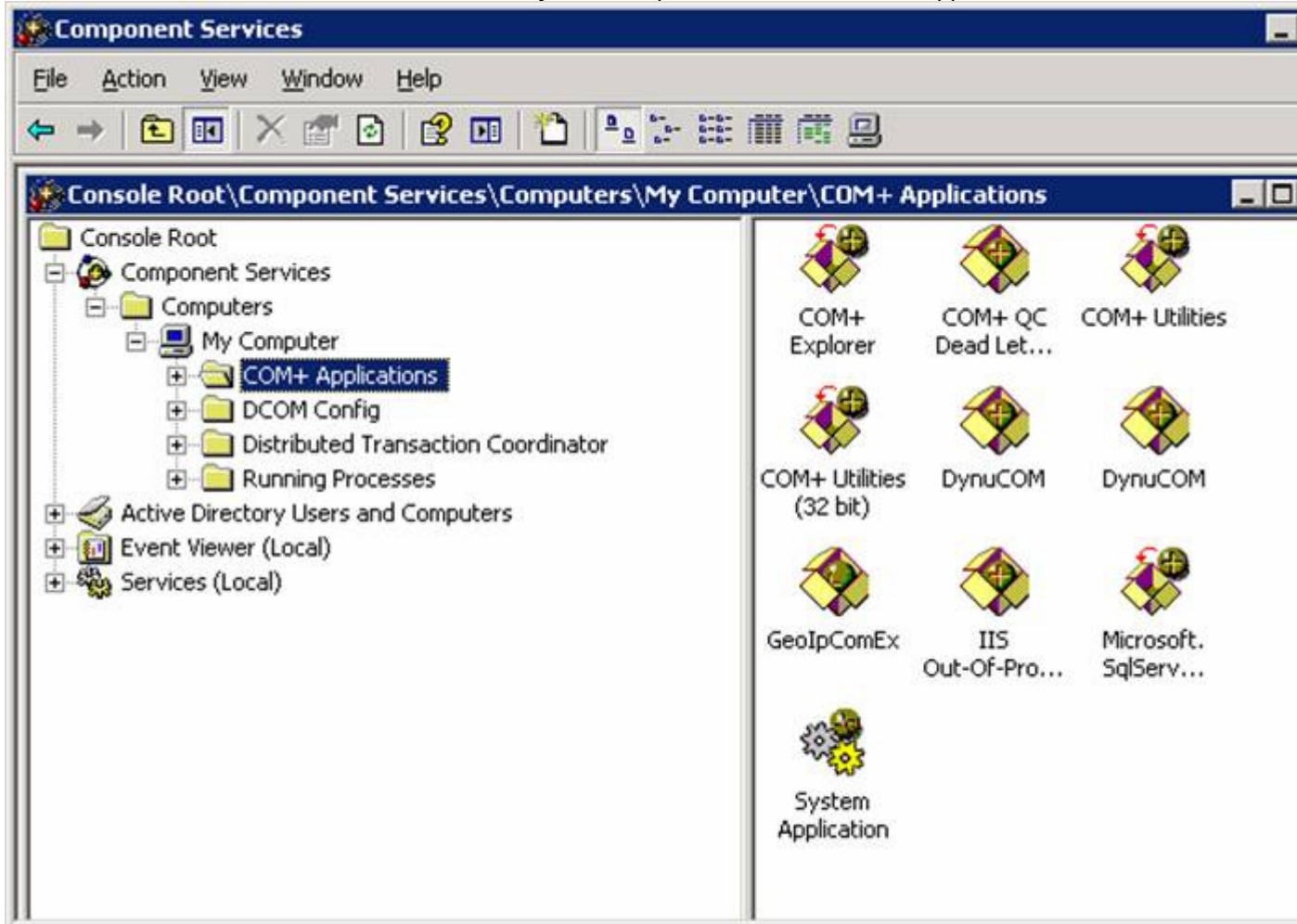
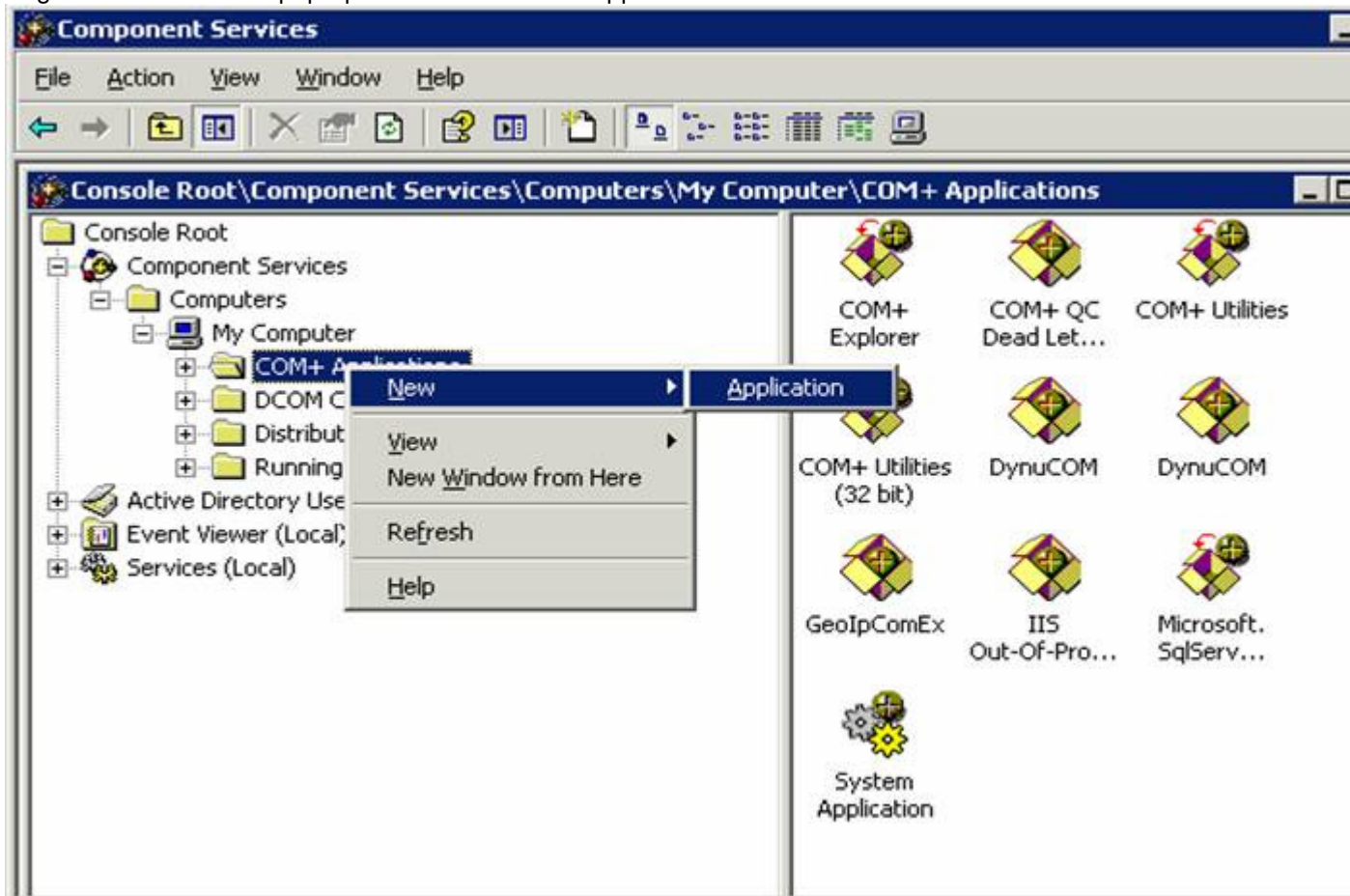


First you need to open Component Services, which you can find through Administrative Tools.

There is a tree view down the left hand side and you can expand that to find COM+ Applications.



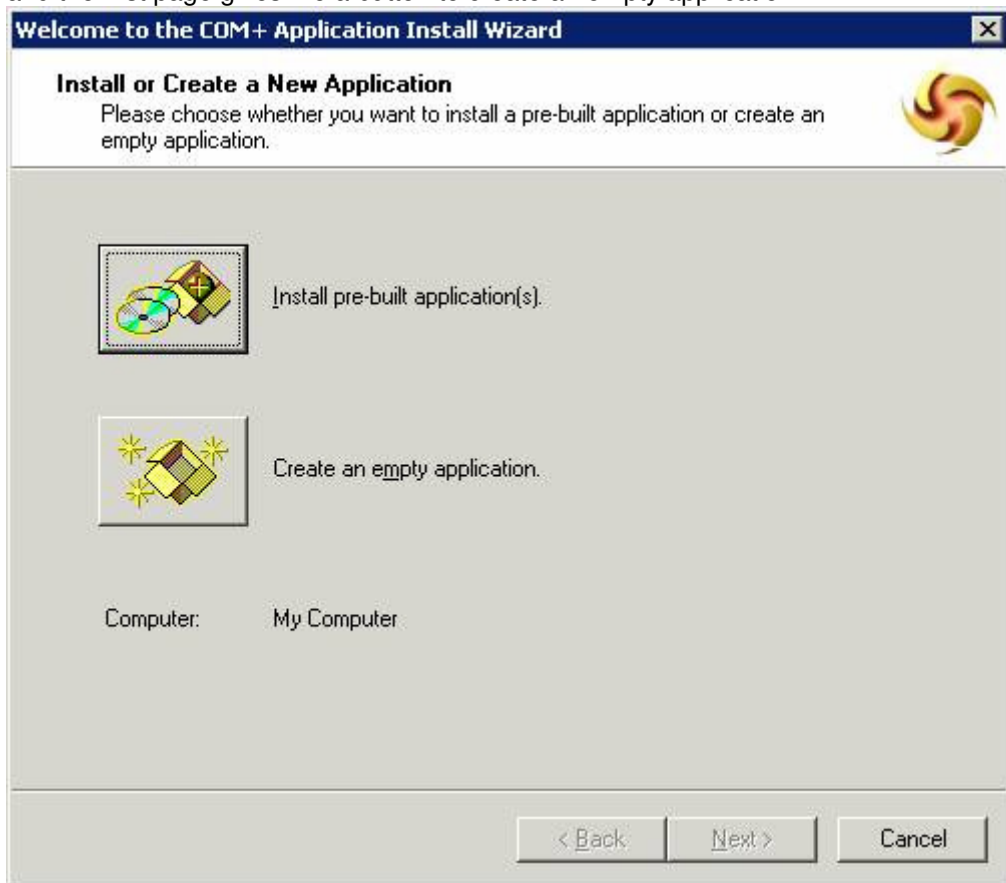
Right click and use the pop-up menu to add a new application.



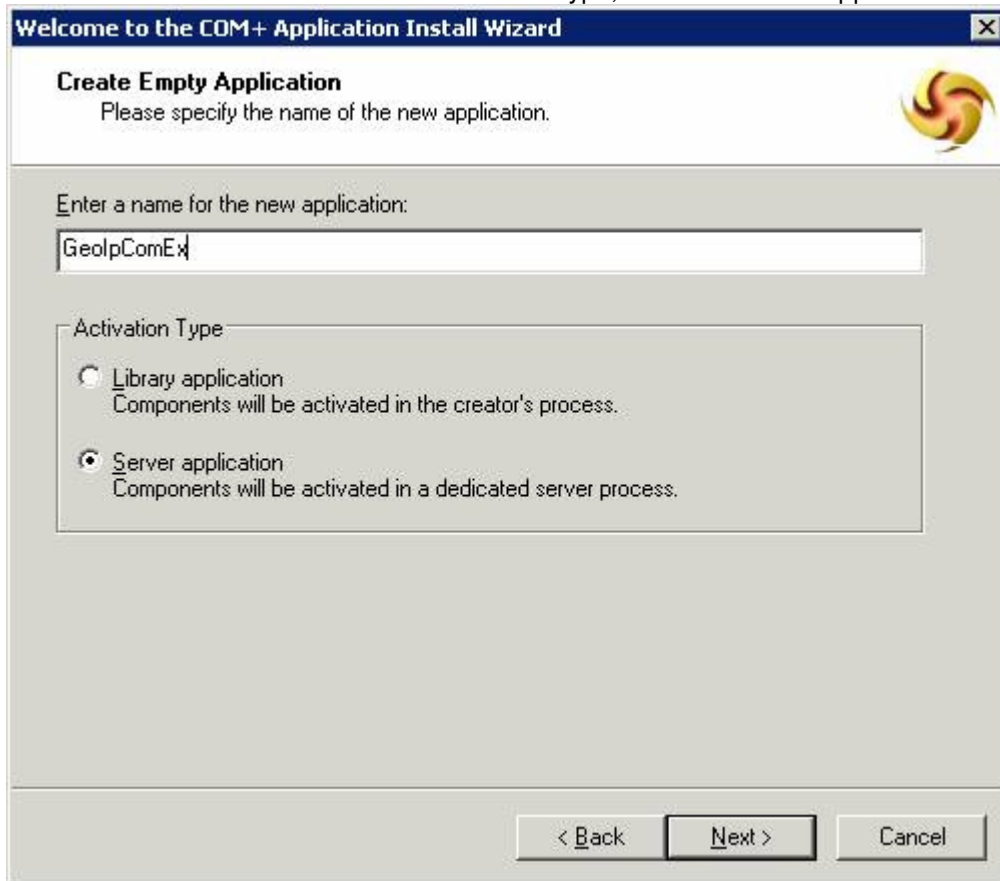
What you see from there might be a bit different from what I see, but I get a wizard...



and the first page gives me a button to create an empty application.



Then I am asked for a name and an Activation Type, which is "Server application".



Welcome to the COM+ Application Install Wizard

Create Empty Application
Please specify the name of the new application.

Enter a name for the new application:
GeolpComEx

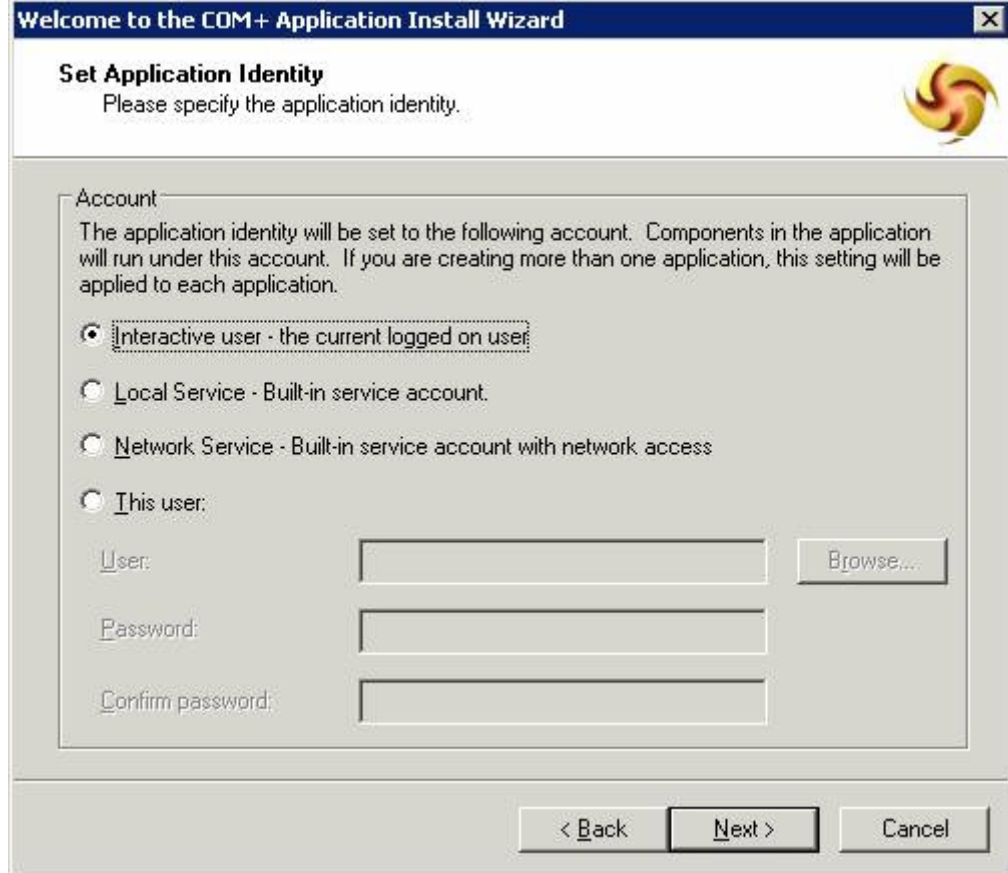
Activation Type

☐ Library application
Components will be activated in the creator's process.

☒ Server application
Components will be activated in a dedicated server process.

< Back Next > Cancel

The next page is to select an identity, and I choose Interactive User, which is the default.



The screenshot shows a Windows-style dialog box titled "Welcome to the COM+ Application Install Wizard". The main heading is "Set Application Identity" with a sub-instruction "Please specify the application identity." and a small circular icon with a red and yellow swirl. The "Account" section is expanded, showing a paragraph of text and four radio button options. The first option, "Interactive user - the current logged on user", is selected. The other options are "Local Service - Built-in service account", "Network Service - Built-in service account with network access", and "This user:". Below these are three text input fields labeled "User:", "Password:", and "Confirm password:", with a "Browse..." button to the right of the "User:" field. At the bottom are three buttons: "< Back", "Next >", and "Cancel".

Welcome to the COM+ Application Install Wizard

Set Application Identity
Please specify the application identity.

Account
The application identity will be set to the following account. Components in the application will run under this account. If you are creating more than one application, this setting will be applied to each application.

☒ Interactive user - the current logged on user

☐ Local Service - Built-in service account

☐ Network Service - Built-in service account with network access

☐ This user:

User: Browse...

Password:



Confirm password:

< Back Next > Cancel


Click Next

Welcome to the COM+ Application Install Wizard [X]

Add Application Roles
Please add application roles.

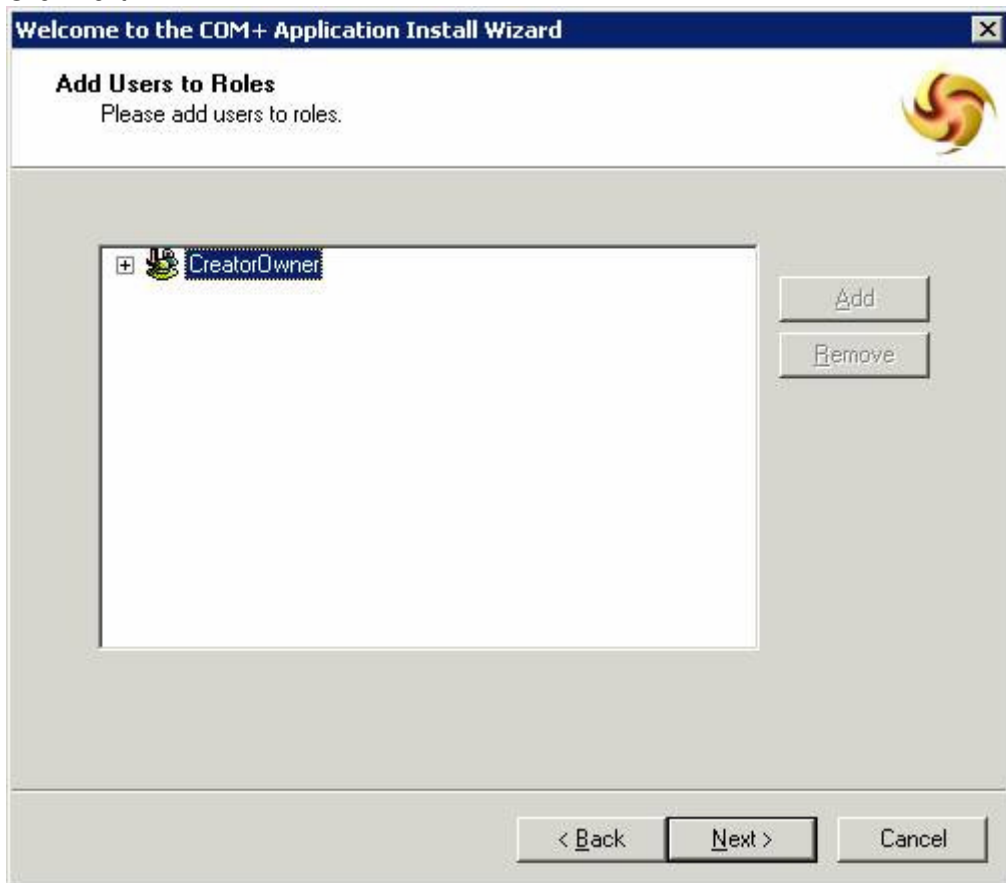

 Add role.

Roles
CreatorOwner

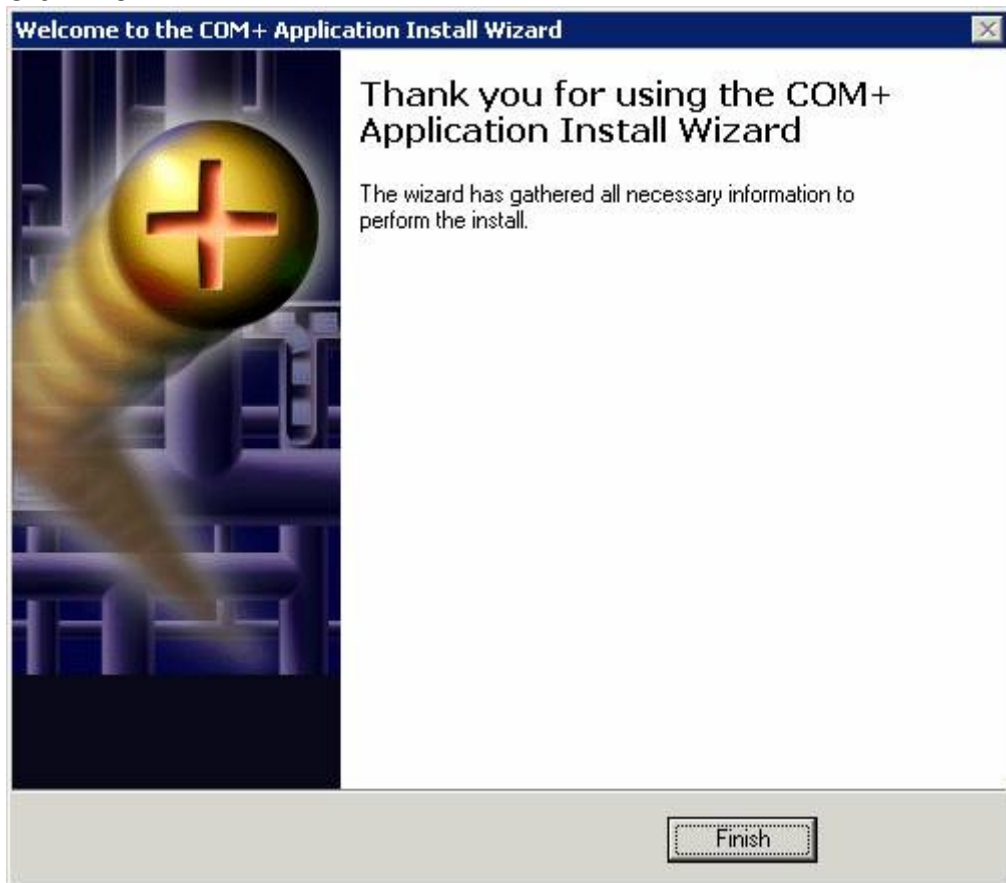


< Back Next > Cancel

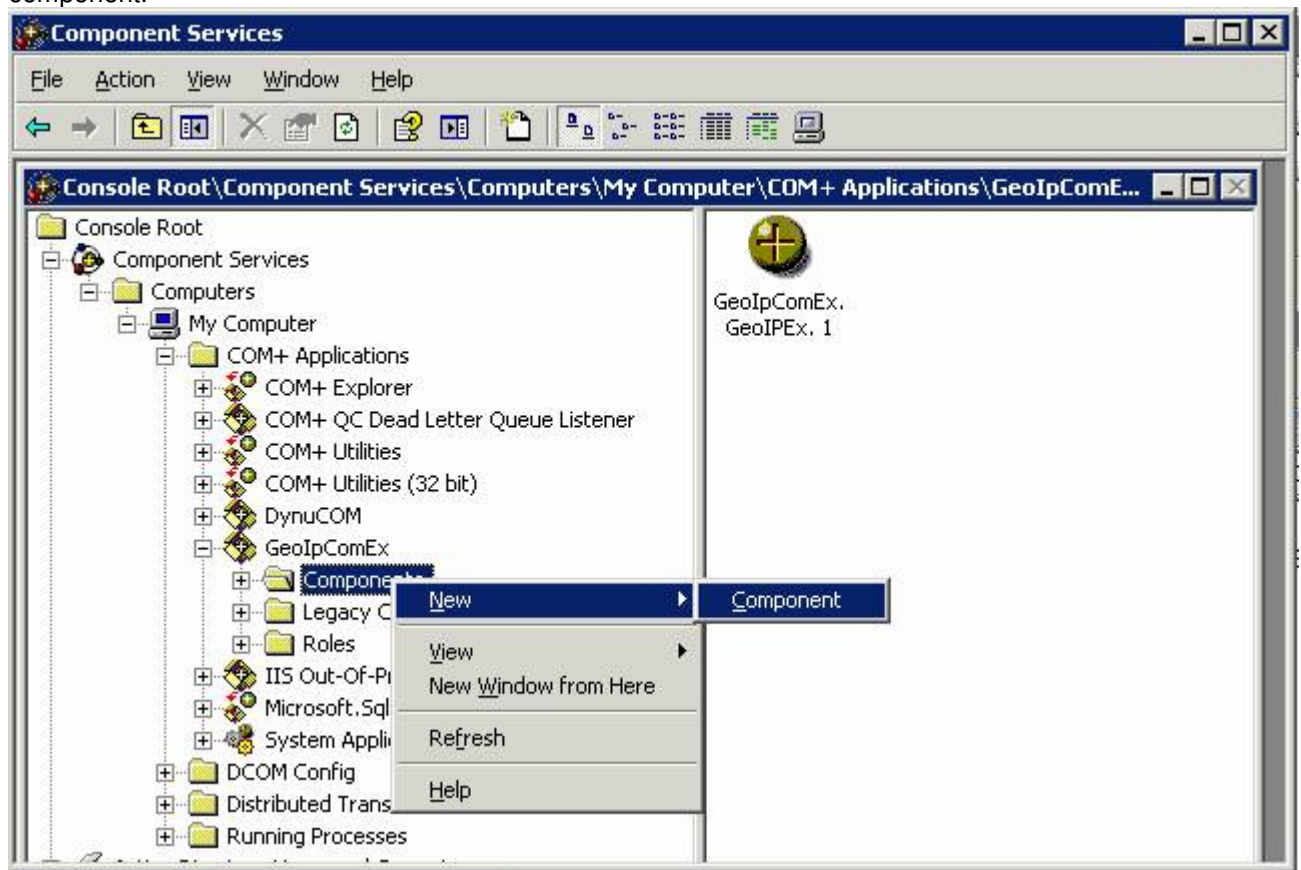
Click Next



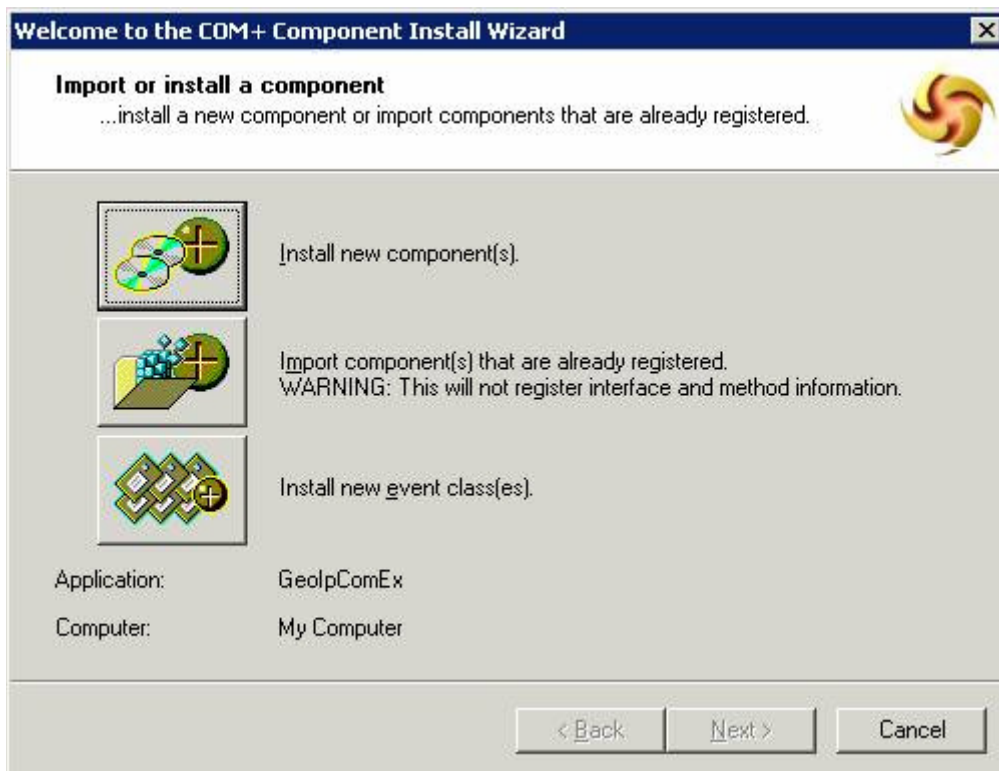
Click Finish



That gives you an empty application and it appears in your tree view. When you expand it there is a folder called "Components" and right clicking here gives you the opportunity to add a new component.

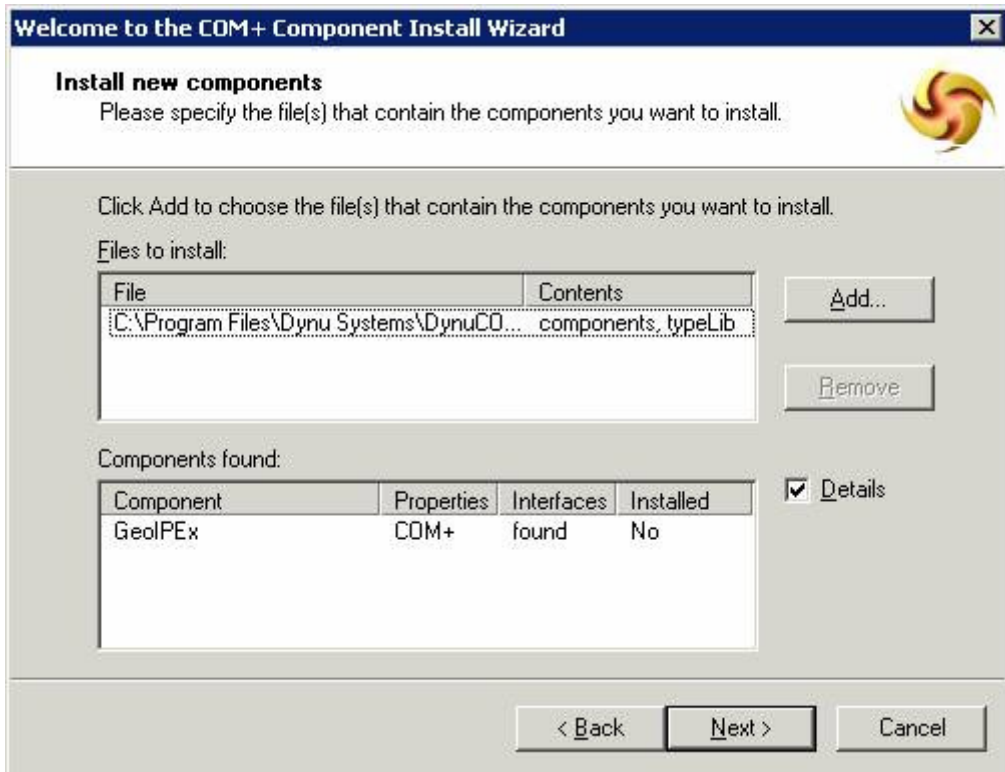


This opens another wizard and you can select "Install new component" to add and register the component.

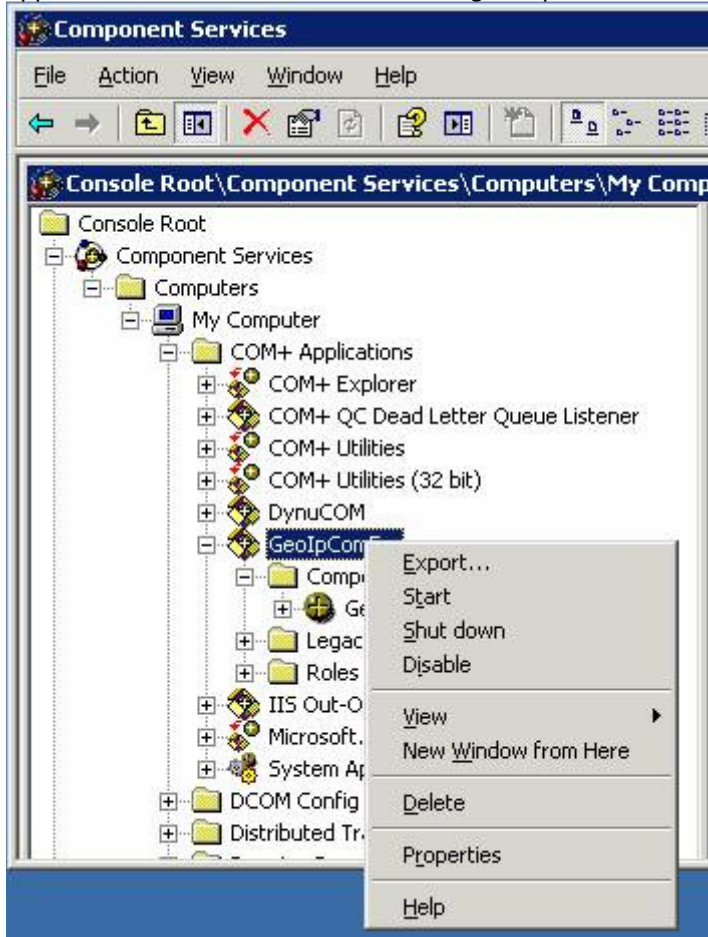


That will allow you to browse for the component DLL. If you have already registered the component you can select "Import components that are already registered." Once you complete this wizard, the component is added to the application.

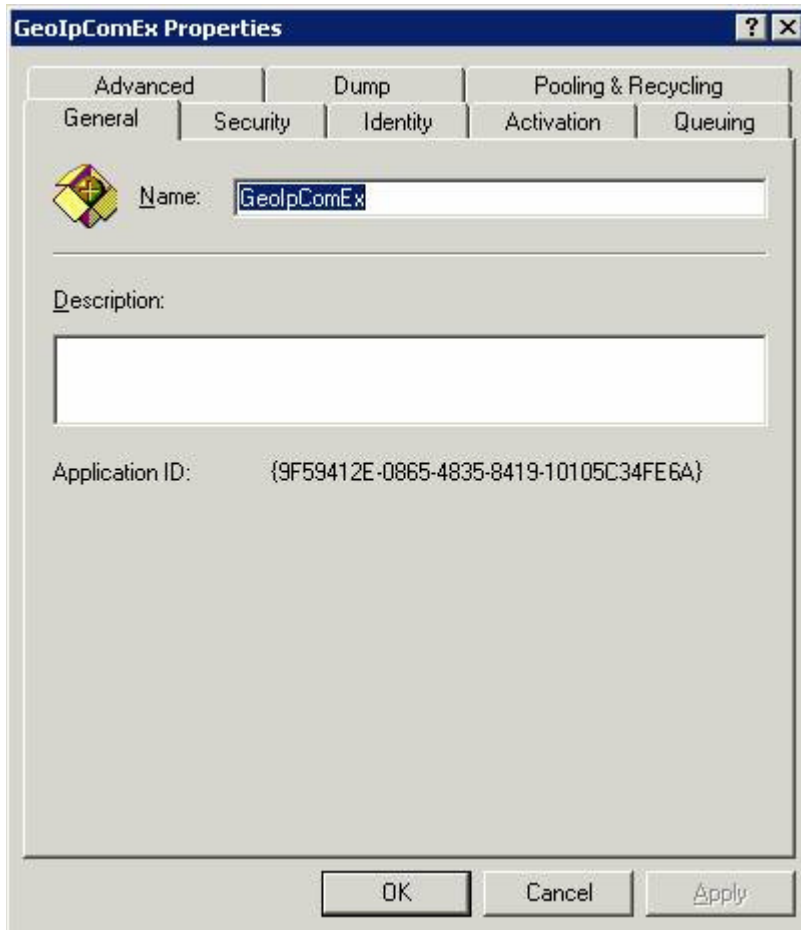




There is a setting that is changed from the default and you can get to this by right clicking on the application in the tree view and selecting "Properties".



Then make all the tabs look like this...



GeoIpComEx Properties [?] [X]

Advanced	Dump	Pooling & Recycling
General	Security	Identity
	Activation	Queuing

Authorization

☐ Enforce access checks for this application

Security Level

☐ Perform access checks only at the process level.
Security property will not be included on the object context. COM+ security call context will not be available.

☒ Perform access checks at the process and component level.
Security property will be included on the object context. The COM+ security call context is available.

Software Restriction Policy

☒ Apply software restriction policy

Restriction Level:

Authentication Level for Calls:

Impersonation Level:

OK Cancel Apply


GeoIpComEx Properties [?] [X]

Advanced Dump Pooling & Recycling
General Security Identity Activation Queuing

This application will run under the following account.

Account:

- ☒ System Account:
 - ☐ Interactive user - The current logged on user
 - ☒ Local Service - Built-in service account.
 - ☐ Network Service - Built-in service account with network access
 - ☐ Local System - Complete access to local machine
- ☐ This user:
 - User: - Password:
 - Confirm password:

 Server applications cannot run under system service accounts.

OK Cancel Apply

GeoIpComEx Properties [?] [X]

Advanced	Dump	Pooling & Recycling
General	Security	Identity
Activation	Queuing	

Activation type

☐ Library application
Components will be activated in the creator's process.

☒ Server application
Components will be activated in a dedicated server process.

☐ Run application as NT Service

Service Name:

SOAP

☐ Uses SOAP

SOAP VRoot:

SOAP Security:

Remote Server Name:

Application Root Directory:

GeoIpComEx Properties [?] [X]

Advanced	Dump	Pooling & Recycling
General	Security	Identity
Activation	Queuing	

☐ **Queued** - This application can be reached by MSMQ queues.

☐ **Listen** - This application, when activated, will process messages that arrive on its MSMQ queue.

MSMQ Message Authentication

- ☒ **A**uthenticate messages if authentication level for calls (on Security Property Page) is not NONE. This is Windows 2000 behavior.
- ☐ **D**o not authenticate messages.
- ☐ **A**lways authenticate messages.

Maximum concurrent players (0 - 1000), enter 0 for default:

NOTE: If this application is already running, you will need to restart the application before any changes made here will take effect.

OK Cancel Apply

GeoIpComEx Properties [?] [X]

General | Security | Identity | Activation | Queuing
Advanced | Dump | Pooling & Recycling

Server Process Shutdown

☐ Leave running when idle

☒ Enable idle shutdown: Minutes:

Protection

☐ Disable deletion

☐ Disable changes

Debugging

☐ Launch in debugger

Debugger path:

☐ Enable compensating resource managers

☐ Enable 3GB support

OK Cancel Apply

GeoIpComEx Properties ? X

General	Security	Identity	Activation	Queuing
Advanced	Dump	Pooling & Recycling		

The Process Image Dump feature allows the user to dump a static image of this application. This image can be loaded in the "windbg" debugger for analysis at a later time.

Image Dump Directory

Maximum Number of Dump Images
 NOTE: Older images will be overwritten when this number is reached.

Enable Process Image Dump
☐ Enable Image Dump on Application Fault

OK Cancel Apply

GeoIpComEx Properties [?] [X]

General | Security | Identity | Activation | Queuing
Advanced | Dump | Pooling & Recycling

Application Pooling:

Pool Size:

Application Recycling:

Lifetime Limit (minutes):

Memory Limit (KB):

Expiration Timeout (minutes):

Call Limit:

Activation Limit:

You will need to restart IIS for the settings to take effect.

Here it is working on 2003 server 64 bit...

