

INSTALLING CLASSIC ASP COMPONENTS



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All the various components have different ways of configuring. Here are the ones we use and how to configure them.

- **SA-FileUp**
Do NOT use the component services. Just install it using the setup program. SA-FileUp 328e in installers says it is an eval version but it actually never expires, so it is a good one to use. We use this on most servers.
- **Jmail 4 Pro**
Install using the jmail setup program. Go into component services and add existing 32 bit component to your package (or create a new empty COM+ package - see configuration below).
- **CxImage**
Copy the DLL into Windows \SysWOW64 (or Windows\System32 if running 32 bit OS). Go into component services and add a "new" component to your package (or create a new empty COM+ package - see configuration below). Browse to the DLL and this will register it.
- **AbcPDF**
Install using the abcPDF setup program. Go into component services and add existing 32 bit component to your package (or create a new empty COM+ package - see configuration below).
- **Dundas Upload**
This is now a free component released as public domain. We have not used it much but there is full support for it in beweb CMA. I do not know what its installation requirements are.
- **Persits aspUpload**
do not need to use component services. Just install using setup program.

- **Abcpdf**

Note you must use the 32 bit version if you have a 32 bit app pool (which you may need for other 32 bit coms).

Testing

<http://site.co.nz/admin/includes/compcheck.asp>

<http://site.beweb.co.nz/admin/includes/compcheckmail.asp>

See also

<http://www.chestysoft.com/component-services.asp>

1. App Pools

The app pool must be set up correctly. This combination works:

Enable 32 bit applications on win 64 = TRUE

User Identity = LocalSystem

Pipeline = Classic

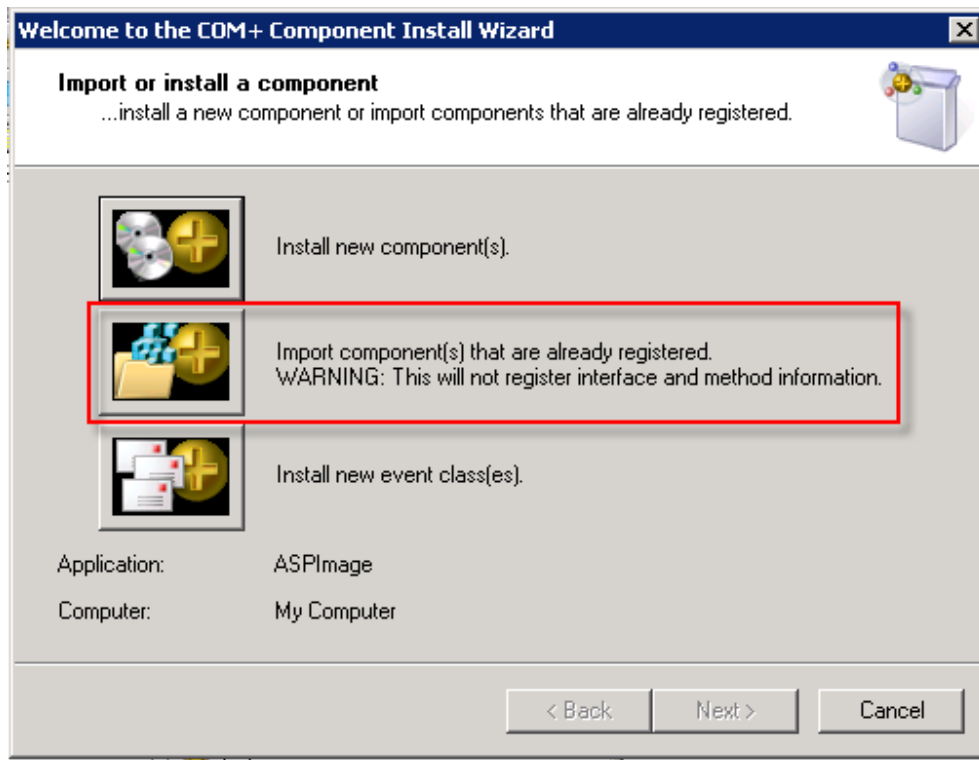
2. For components which need packaging (eg aspimage, cximage, jmail, abcpdf)

2.1. Create a new COM+ Application (we called ours Beweb) then you will be able to add components to it.

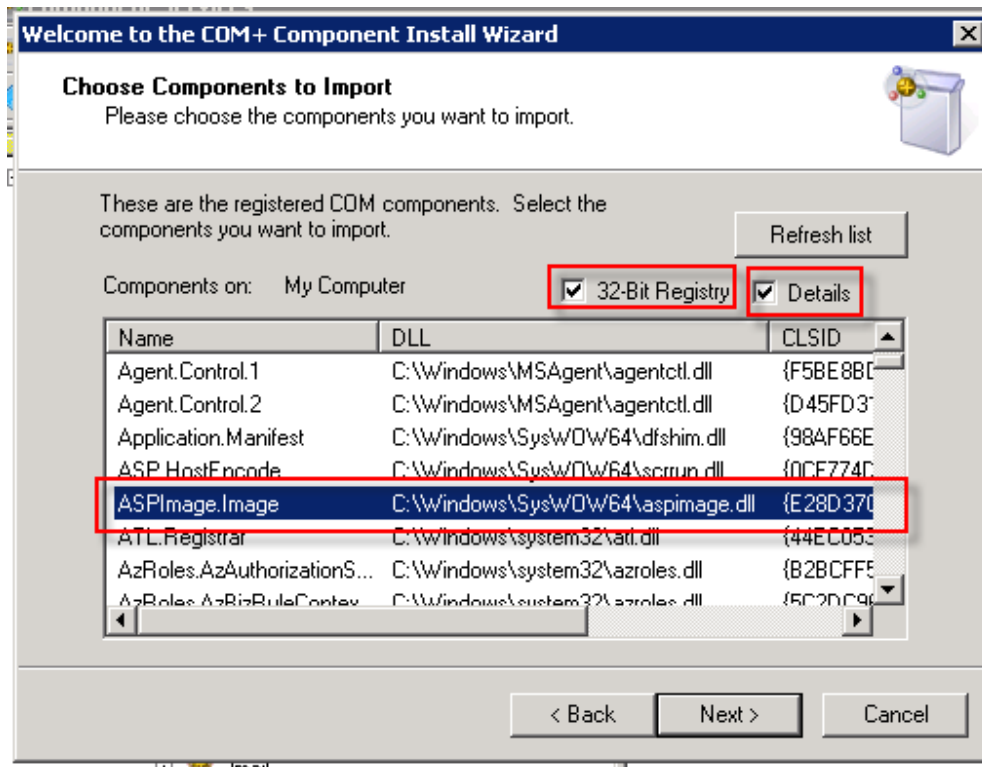
Select the option to create an empty application, then select "Server Application" rather than "Library Application". Choose to run as Local System Service. Accept defaults for roles etc.

Go to properties of the new application (beweb), click Security tab and uncheck "Enforce access checks for this application". Otherwise many COMs will not work.

When installing components you can either choose to add new or existing components. If they do not show up under existing (when selecting 32 bit components) then you will know you need to click "add new" instead and browse to the DLL file.



2.2. Tick 32bit registry to see the 32bit DLLs, tick the Details to see the path of the DLL (make sure it is the right one). Select the DLL you want to install and click next.



2.3. `admin\includes\compcheck.asp` should now show the component as installed. Check this.

2.4. You may need to go into "advanced" tab under each component and check "Enable IIS properties".

Possible Error Messages

If in doubt, check the Event Log for COM or DistributedCOM failures (event viewer, Windows Logs > System).

ActiveX component can't create object

*Microsoft VBScript runtime error '800a01ad'
ActiveX component can't create object
/admin/includes/beweb-cma.asp, line 1731*

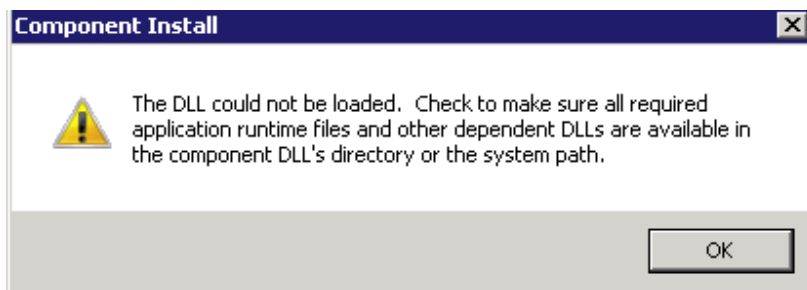
If you get the error above, first check if you have accidentally set up SA-FileUp under component services. It does not work this way - it needs to run directly under the app pool (which should be running as LocalSystem). You just need to delete from your package.

If that is not the problem, check the Event Log (event viewer, Windows Logs > System). I believe the error means that a component was created by ASP script OK, but then it tried to create a sub-component and that failed. This is most likely due to a permissions issue which means that the

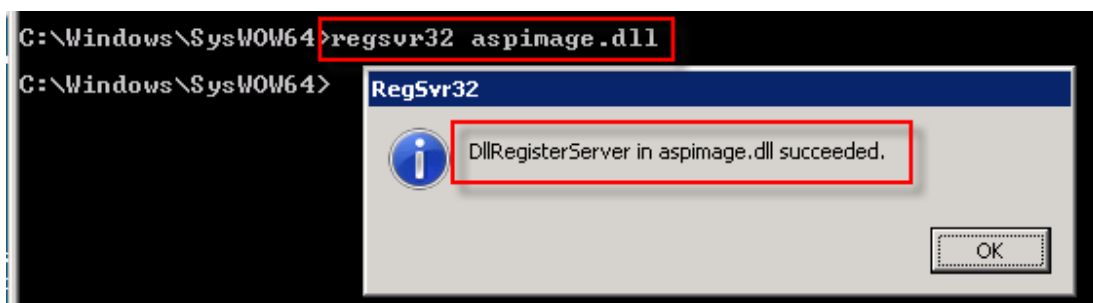
component is not running as the correct user identity. Go to the line number in beweb-cma to see which which component it relates to. The user identity will be either set in the App Pool or if it is running as a package in component services then it will be set under the package properties. Look at changing whether it needs to be component services, changing the user identity, or changing permissions on files it is likely to want to use or create. Alternatively it could be some other type of error that causes a component creation to fail.

For applications that cannot be installed as a new component (eg aspimage or cximage)

In some cases you might need to do one or both of these steps. Normally only if you get the error below.



- 1.1. Copy the DLL to the Windows\SysWOW64 directory
- 1.2. In command prompt run regsvr32 name.dll



- 1.3. In Component Services instead of installing a new component use the import components that are already registered.