

Govern Server Installation

DeployEZ Installation

[111-Installation]

Last Updated December 2014

Introduction

- Microsoft Click-Once technology used to deploy and install applications on local clients

Plan

LEARN

- What is needed before getting started
- How to install deployEZ
- How to download and import binaries

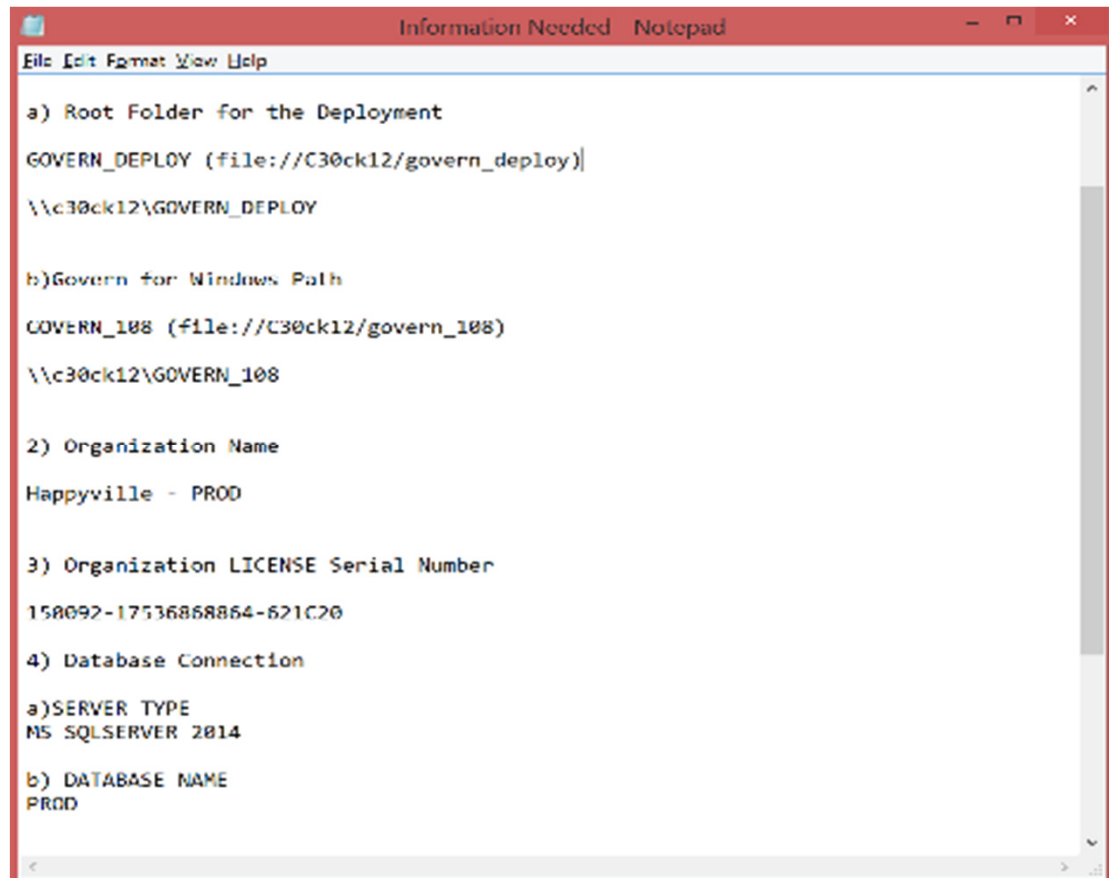
Before Getting Started

- Requirements Review
 - FTP enabled
 - HTTP enabled
 - Internet access

Before Getting Started

Information Needed

- Server URLs
- Connexions
- Etc.



```
Information Needed Notepad
File Edit Format View Help
a) Root Folder for the Deployment
GOVERN_DEPLOY (file://C30ck12/govern_deploy)
\\c30ck12\GOVERN_DEPLOY

b) Govern for Windows Path
GOVERN_108 (file://C30ck12/govern_108)
\\c30ck12\GOVERN_108

2) Organization Name
Happyville - PROD

3) Organization LICENSE Serial Number
158092-17536868864-621C20

4) Database Connection
a) SERVER TYPE
MS SQLSERVER 2014
b) DATABASE NAME
PRGD
```

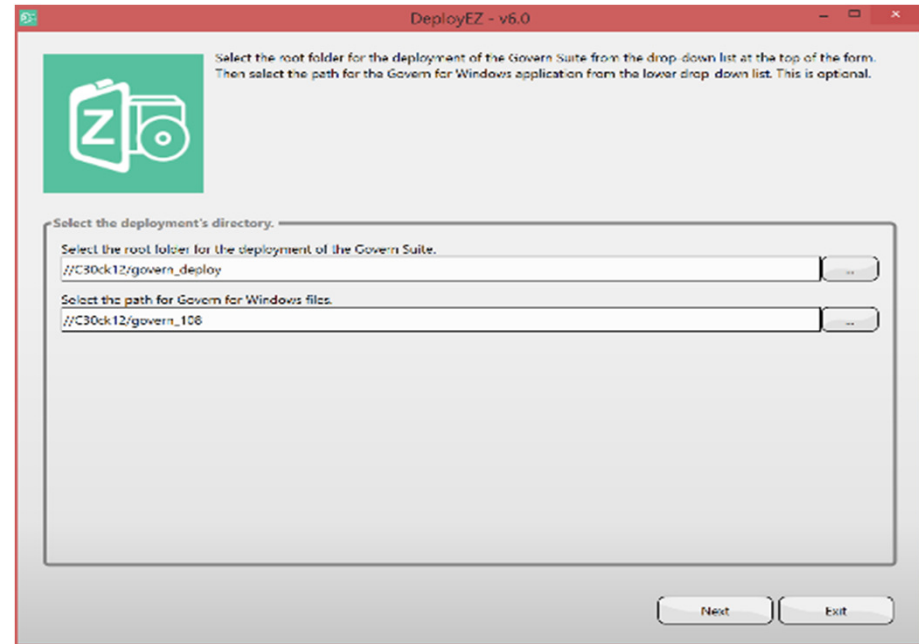
Install Deploy EZ

- Install DeployEZ
 - Open internet explorer, google...
 - Type deployez.msgovern.com and press enter or click go....

Connects to Harris Govern FTP server
[ftp.harriscomputer.com](ftp://ftp.harriscomputer.com) to install the DeployEZ
application and resources needed....

Set Root Folder

- Set Root folder location for Deployment Server



DeployEZ Parameters

The image displays two overlapping windows of the 'Parameters - v6.0' application. The background window shows the 'General' tab with the following settings:

- Culture: en-us
- Force Latest Version
- Force Latest Version on Mobile Deployer
- Use Click Once Technology For Deployer

The foreground window shows the 'Applications' tab, which contains a list of applications with checkboxes for 'Allow' and 'Allow For Mobile'. The 'FTP' tab is also visible but empty.

Application	Allow	Allow For Mobile
Resource Files	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
System Files	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Govern Custom Control	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Govern	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Govern (V6)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Govern New Admin (GNA)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Govern Business Entity Designer (BED)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Govern Model Designer (MOD)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Govern Open Form Designer (OFD)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Govern Security Manager (GSM)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Govern Query Tool (QT)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Govern Scheduler	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Govern Scheduler Service	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Govern WCF Services	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Govern Theme Builder	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Govern Validator	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Govern Batch	<input checked="" type="checkbox"/>	<input type="checkbox"/>

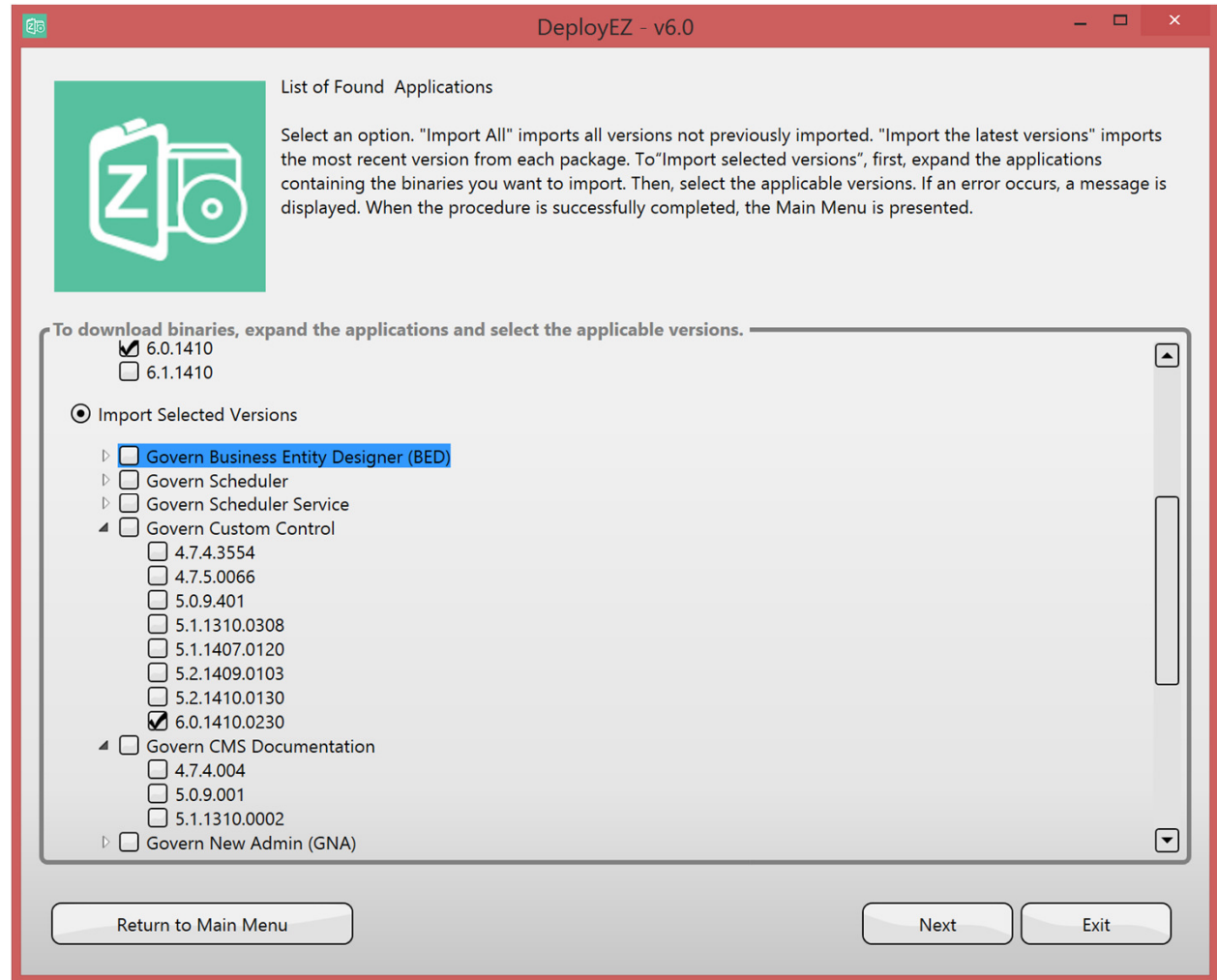
Buttons: Save, Exit

Deployment Default Options

- Authentication Type
- UI Options

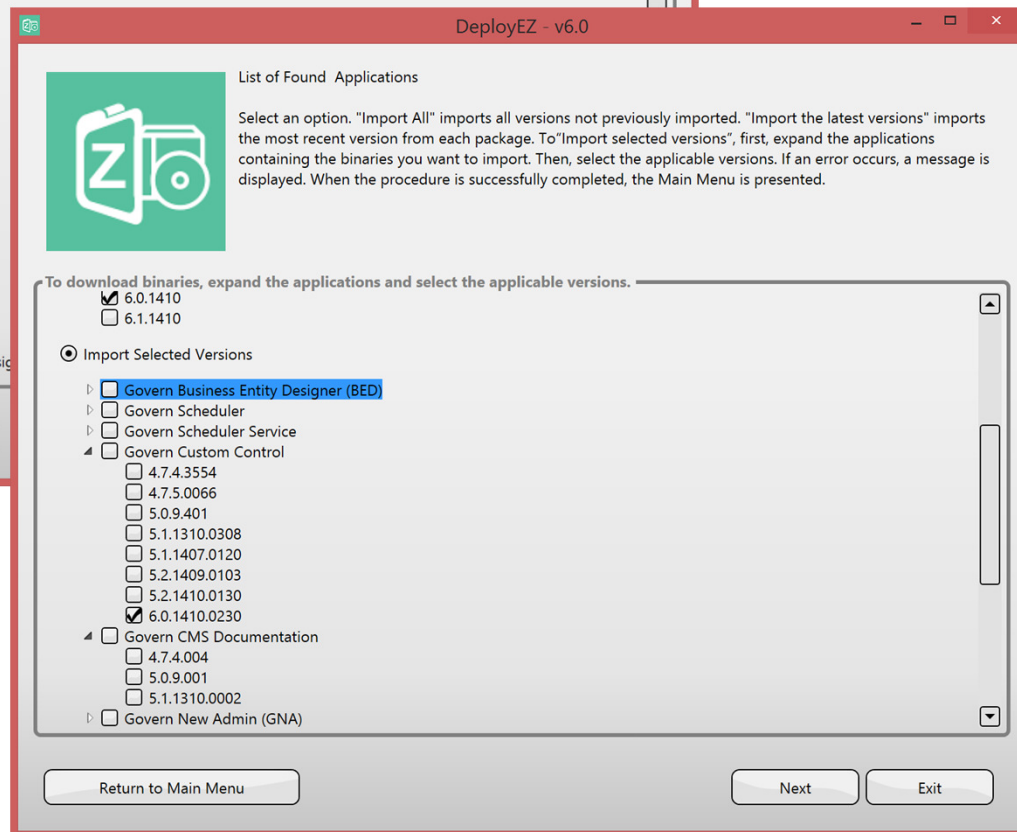
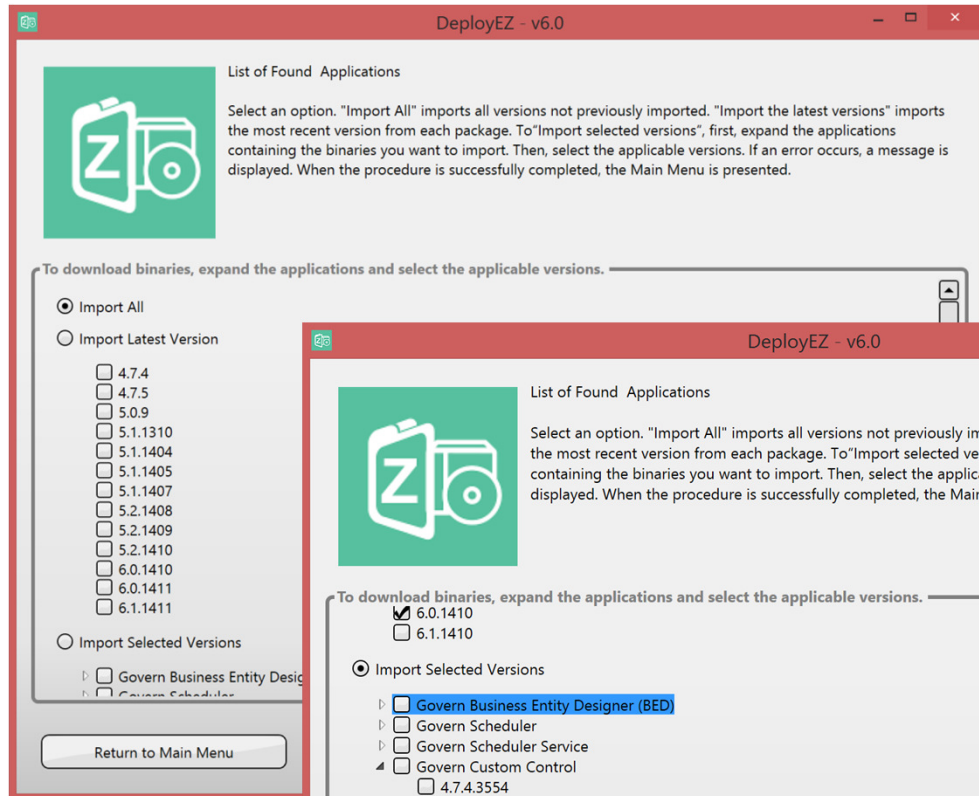
Download Binaries

- Select from list of applications found



Import Binaries

- Choose All, Latest or Selected Versions



Create Deployment

The image displays two overlapping windows of the DeployEZ v6.0 application. The background window is the 'Main Menu' screen, and the foreground window is the 'Deployment Selection' screen.

Main Menu

The Main Menu is presented after each successful deployment. Select an option. "Delete Unused Binaries" presents a screen with instructions. "Download Binaries from the FTP site" presents a screen with instructions. "Download Binaries from a Directory" presents a screen with instructions. "Manage Deployments" presents a screen with instructions. If an error occurs, a message box will be displayed. Click "Next" to proceed. Click "Exit" to exit the application. Click "Return to Main Menu" to return to the Main Menu.

Please select an operation

- Delete unused binaries.
- Download binaries from the FTP site.
- Download binaries from a directory.
- Manage Deployments

Deployment Selection

Select your deployment from the drop-down list or, if this is a new deployment, enter the name of the deployment in the text box.

Deployment

PROD

Return to Main Menu Next Exit

Set Connection Key

DeployEZ - v6.0

Deployment Selection
Select your deployment from the drop-down list or, if this is a new deployment, enter the name of the deployment in the text box.

Deployment Connection

Use an Existing Connection Key
Connection Key

Create a New Connection Key

Server Type

SQL Server 2000
 SQL Server 2005 or greater
 Oracle

Server: MSSQL Server

Database: db_STAGE

User ID: govern

Password: ●●●●●●

Return to Main Menu Previous Next Exit

- Select existing key or Create a New one

Enter License info

DeployEZ - v6.0

Enter your organization name and the serial number for your software. Then click "Next".

Software Licensing

Organization Name: Happyville - PROD

Serial Number: 150092-17536868864-621C20

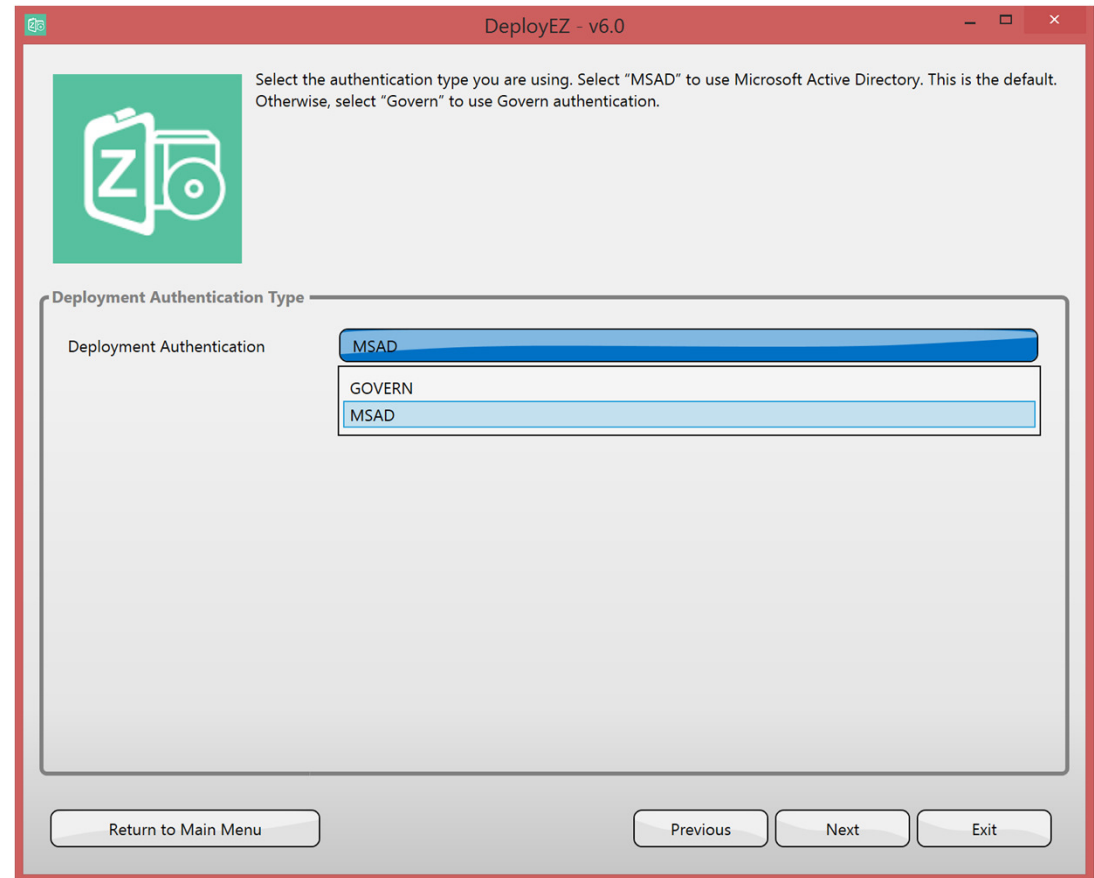
Return to Main Menu Previous Next Exit

- Serial No. for each Organization Name
- License is provided by customer support

Authentication Type

Select the Default Type to use for deployments:

- MSAD (Windows login is used)
- GOVERN (User logs in)



UI Options

DeployEZ - v6.0

Application Customization

Select the options below to customize the appearance of the deployed applications. The application Theme options are, Black, Silver, or Blue. Culture settings are the language, and regional settings in Windows, i.e. currency symbol, date format, decimal and thousand separator, etc. Options are the following:

- EN-US defines the language as English, and the region as US.
- EN-CA defines the language as English, and the region as Canadian.
- FR-CA defines the language as French, and the region as Canadian.

DEPLOYMENTOTHERHEADER

Select the default theme.

Select the default culture.

- Select Default options to used for new deployments

Note: Can be set by deployment

Manage Deployments

The image displays two overlapping windows from the DeployEZ - v6.0 application. The background window is the 'Main Menu', and the foreground window is the 'Deployment Selection' screen.

Main Menu (DeployEZ - v6.0)

Main Menu

The Main Menu is presented after each successful operation.

Select an option. "Delete Unused Binaries" presents a screen where you can select unused binaries to delete. "Download Binaries from the FTP site" begins downloading binaries from the FTP site. "Download Binaries from a Directory" presents a screen where you can select the drive containing the binaries you want to download. Select "Manage Deployments" to view or update all deployments in your network. Then click "Next". If an error occurs, a message is displayed. The Main Menu is presented when the procedure is completed successfully. Click "Exit" to close DeployEZ.

Please select an operation

- Delete unused binaries.
- Download binaries from the FTP site.
- Download binaries from a directory.
- Manage Deployments

Deployment Selection (DeployEZ - v6.0)

Deployment Selection

Select your deployment from the drop-down list or, if this is a new deployment, enter the name of the deployment in the text box.

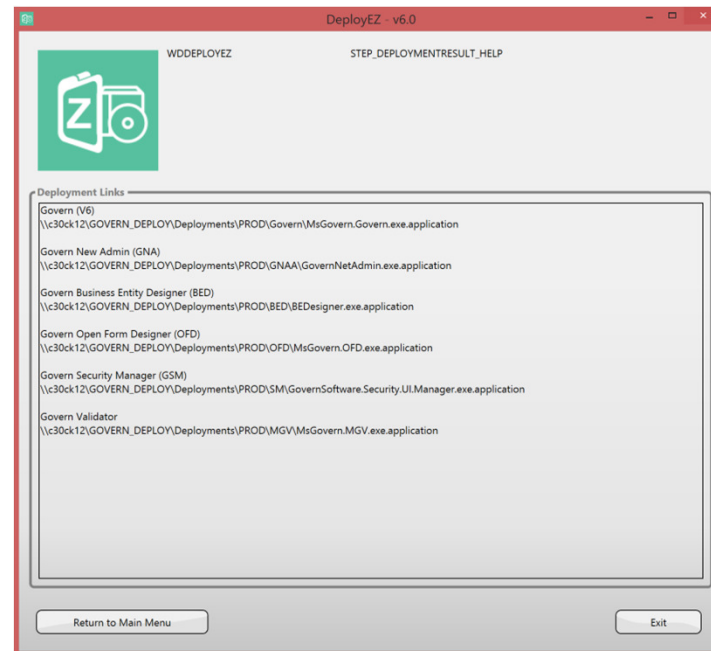
Deployment

PROD

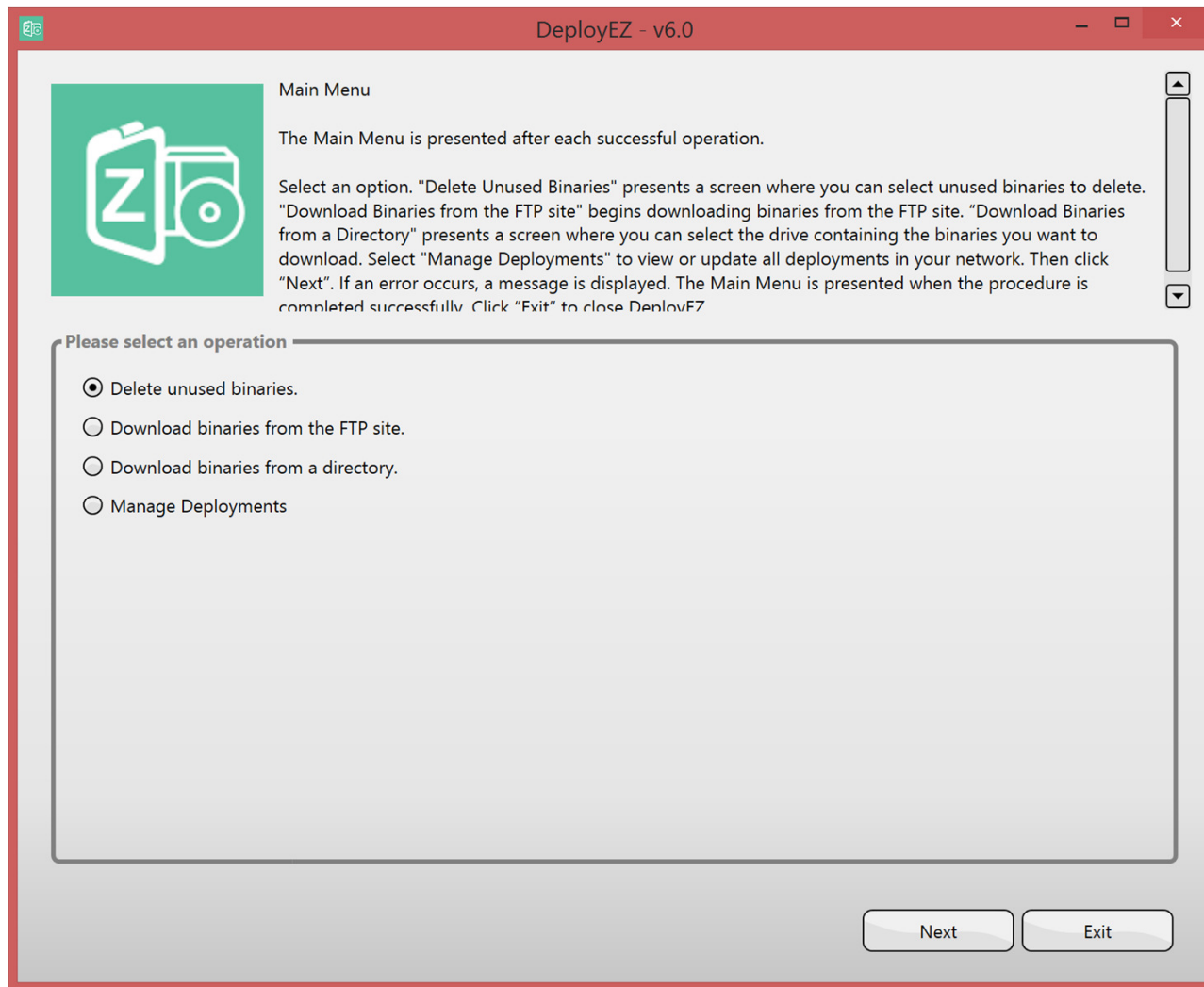
Return to Main Menu Next Exit

Select Applications to install

- Download new binaries and select applications binaries for the deployment
- Once completed check the messages and deployment links



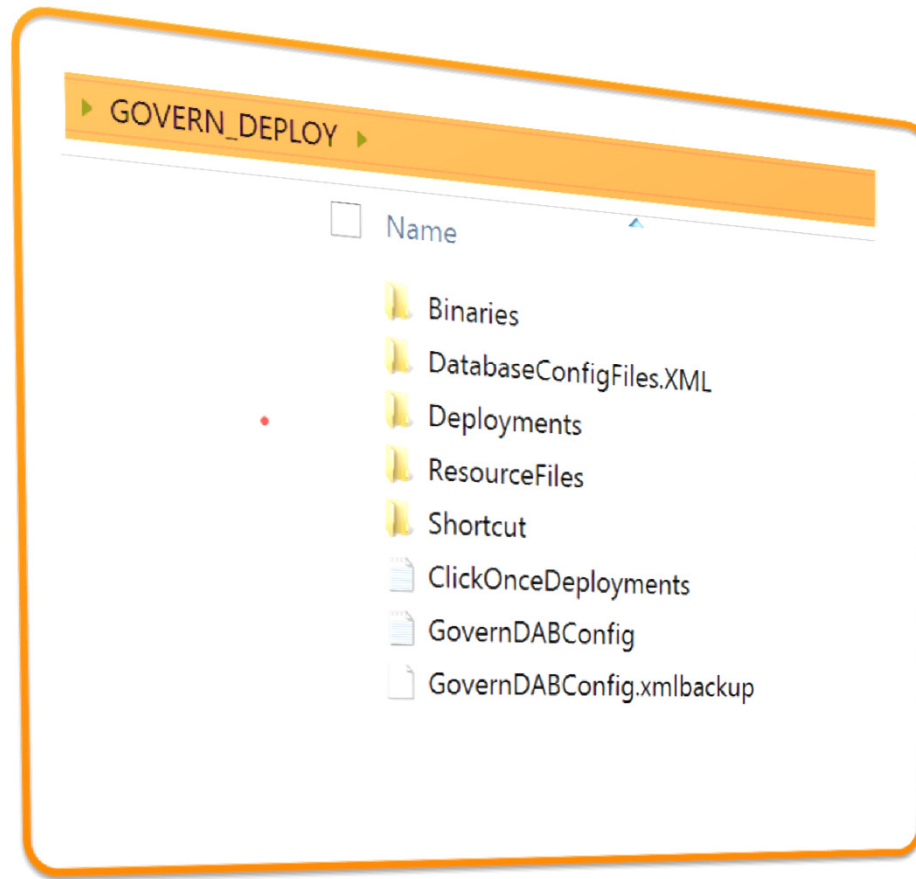
Delete Unused Binaries

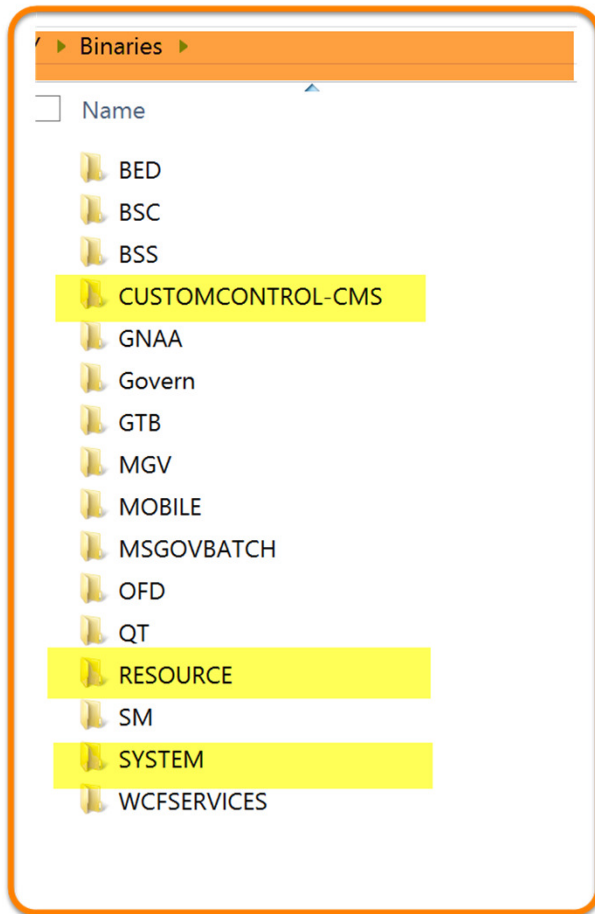


Delete All – Keeps the latest 2 versions for all applications or for selected applications

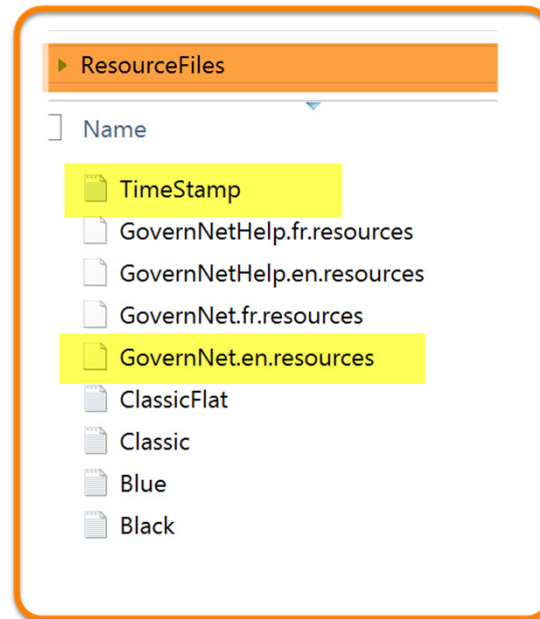
Deployment Server Folders

- Root Folders ...

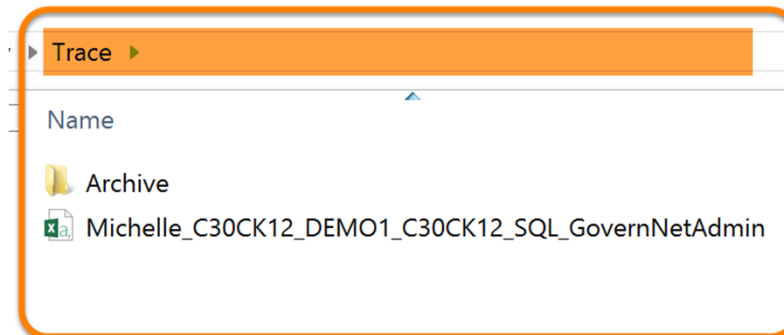




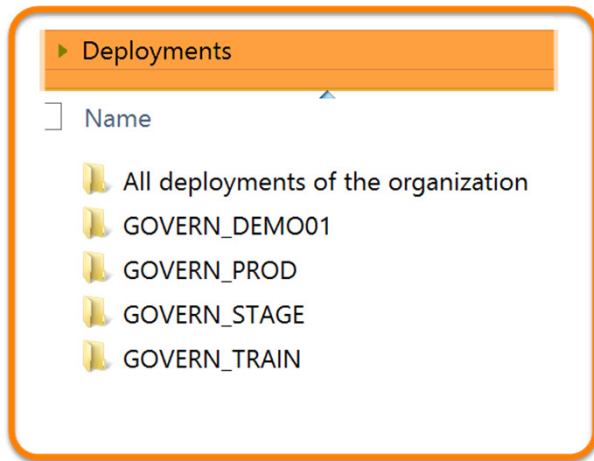
Binaries:
Contains the system bin and resources folders



Resource Files:
The Resource files contain the text that appears on the interface, including headings, labels, exceptions, and error messages.

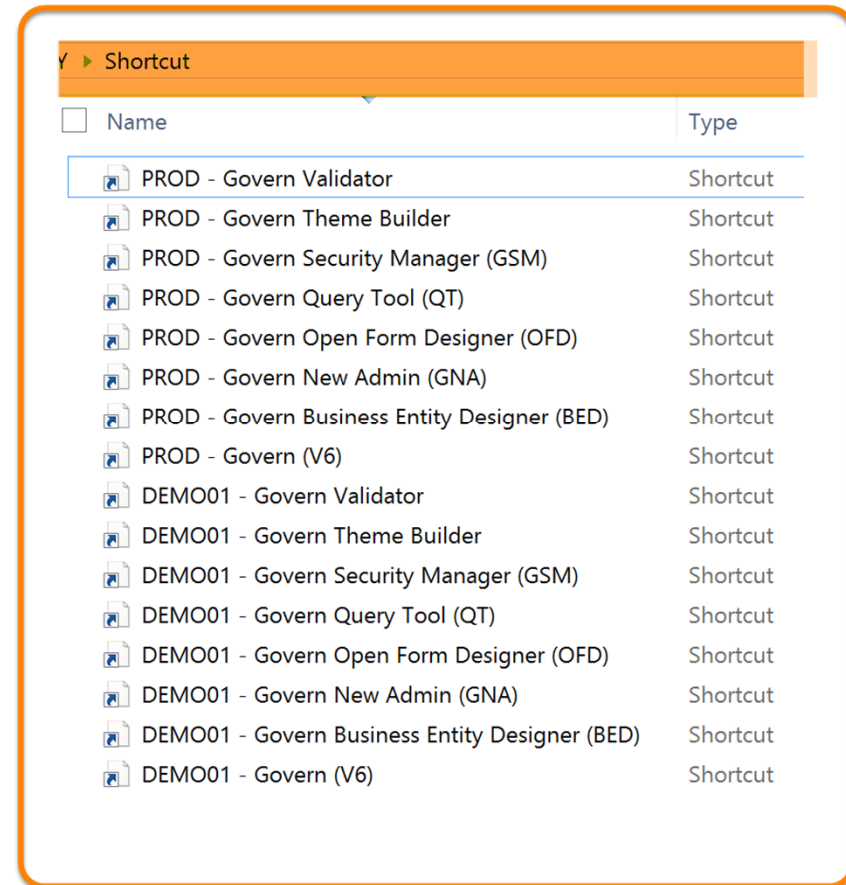


Trace:
Contains the log files



Deployments:

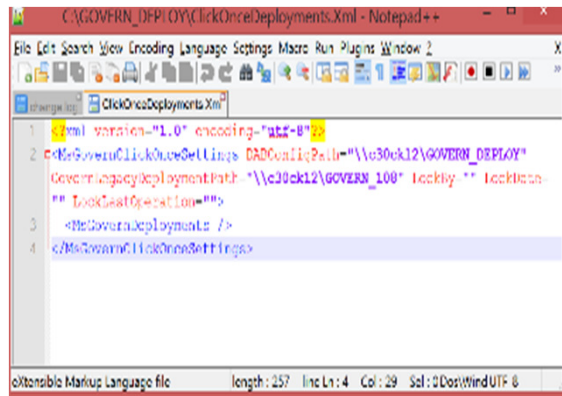
This folder contains a folder for each deployment that contains installation file for each application and a subfolder for the version number containing dlls for the deployment.



Shortcut:

This folder contains the links that can be sent or made available to users for installing and running the Govern Product Suite applications.

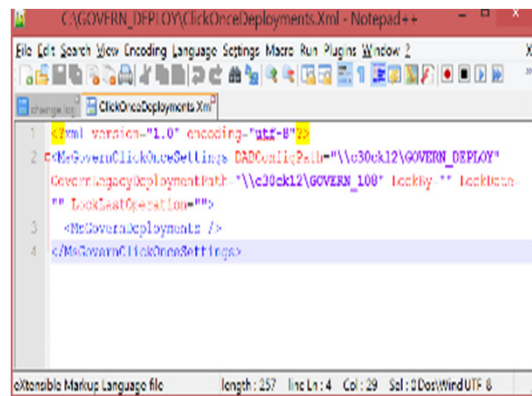
Server Configuration Files



```
<?xml version="1.0" encoding="utf-8"?>
<MsGovernClickOnceSettings DADConfigPath="\\c30ck12\GOVERN_DEPLOY"
GovernLegacyDeploymentPath="\\c30ck12\GOVERN_100" LockBy="" LockDate=""
"" LockLastOperation="">
</MsGovernDeployments />
</MsGovernClickOnceSettings>
```

ClickOnceDeployments.xml:

This file contains configuration information about the deployment, including lock status, deployment path, default culture, theme, serial number, and authentication type. As well, this file contains a list of the applications and packages that have been downloaded.

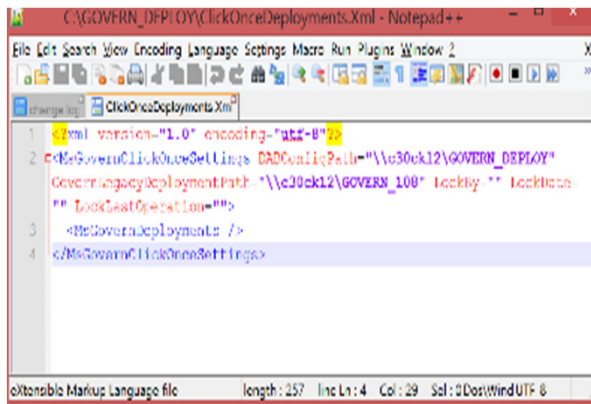


```
<?xml version="1.0" encoding="utf-8"?>
<MsGovernClickOnceSettings DADConfigPath="\\c30ck12\GOVERN_DEPLOY"
GovernLegacyDeploymentPath="\\c30ck12\GOVERN_100" LockBy="" LockDate=""
"" LockLastOperation="">
</MsGovernDeployments />
</MsGovernClickOnceSettings>
```

GovernDABConfig.xml (Data Access Block)

This file contains information about the connections and ...
downloaded and is located in each Deployment

Deployment Config



```
C:\GOVERN_DEPLOY\ClickOnceDeployments.Xml - Notepad++
File Edit Search View Encoding Language Settings Macro Run Plugins Window 2
ClickOnceDeployments.Xml
1 <?xml version="1.0" encoding="utf-8"?>
2 <MsGovernClickOnceSettings DADConfigPath=""\%30ck12\GOVERN_DEPLOY\
  GovernLegacyDeploymentPath=""\%30ck12\GOVERN_100" LockKey="" LockDate=""
  LockStartOperation="">
3 <MsGovernDeployments />
4 </MsGovernClickOnceSettings>
oXtensible Markup Language file length: 257 line Ln: 4 Col: 29 Sel: 0 Dos/Win/UTF 8
```

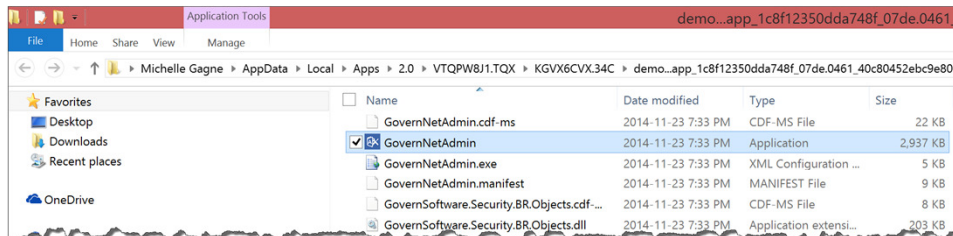
GovernNetConfig.xml:

This file contains information about the deployment, the applications that are downloaded and is located in each Deployment Folder.

Other Folders

To install

- Send Deployment Shortcuts, Text Shortcuts (from installation) or click on an application executable in Binaries

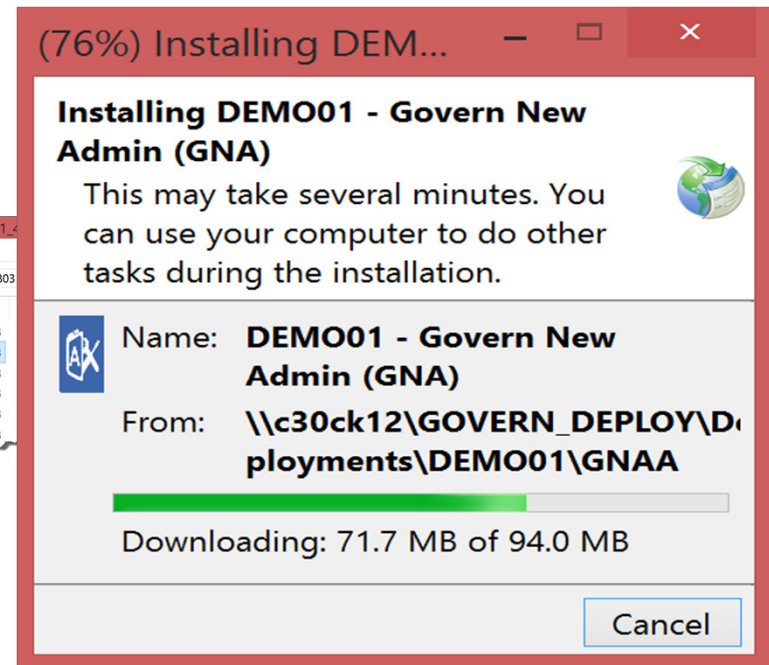


Username:

Password:

Show characters

Login



Apps are installed locally

The screenshot shows the Windows Task Manager window with the 'Processes' tab selected. The window title is 'Task Manager'. The menu bar includes 'File', 'Options', and 'View'. Below the menu bar are tabs for 'Processes', 'Performance', 'App history', 'Startup', 'Users', 'Details', and 'Services'. The main area displays a table of running processes. The 'Apps (12)' section is expanded, showing a list of applications. A context menu is open over the 'GovernNetAdmin' process, with 'Open file location' selected. The 'Background processes (98)' section is collapsed. At the bottom, there is a 'Fewer details' button and an 'End task' button.

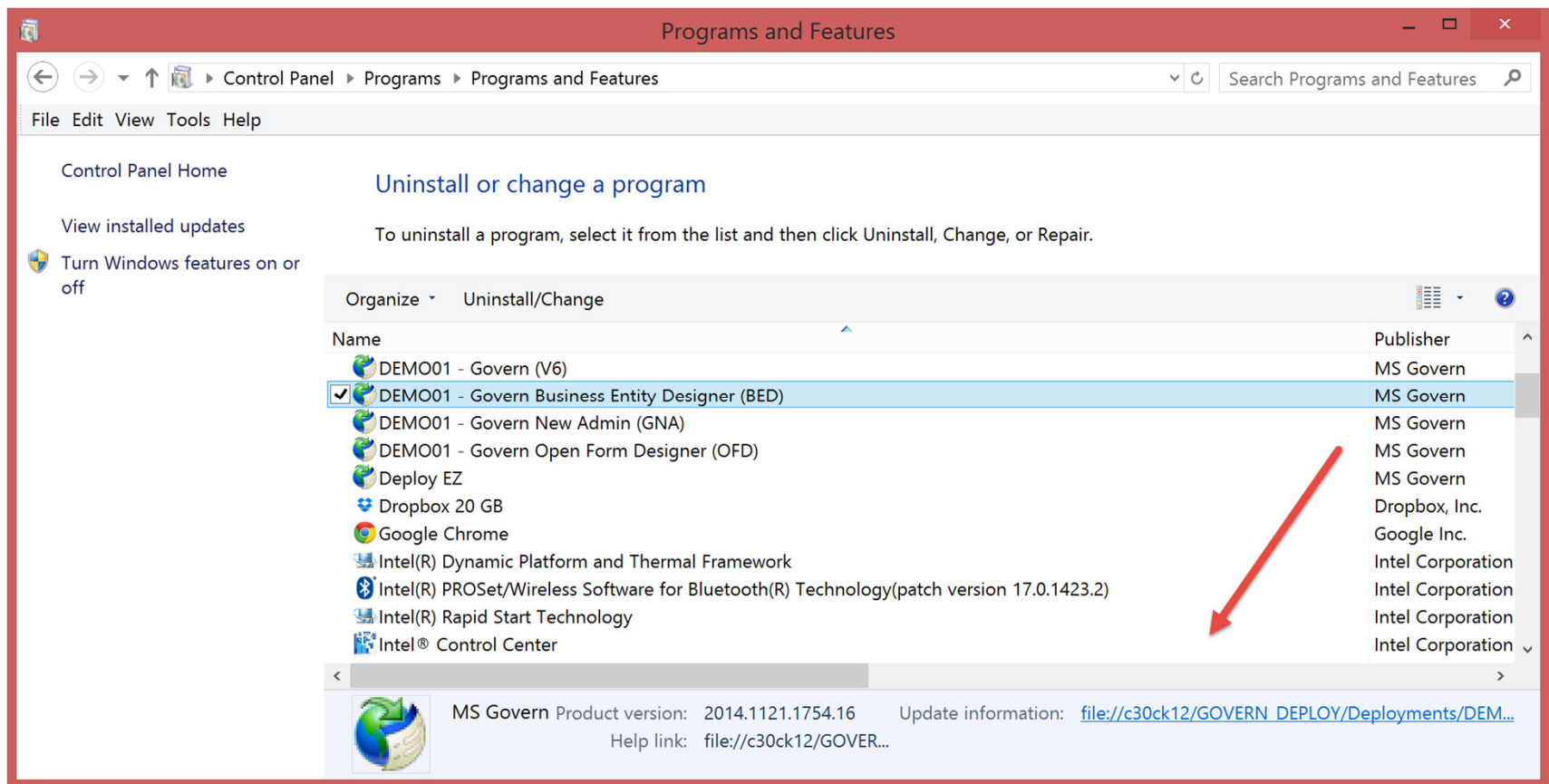
Name	Status	CPU	Memory	Disk	Network
Apps (12)					
Camtasia Studio (32 bit)		0%	160.6 MB	0 MB/s	0 Mbps
FreeCell* (32 bit)		0%	34.4 MB	0 MB/s	0 Mbps
Google Chrome (32 bit)		0%	63.1 MB	0.1 MB/s	0 Mbps
GovernNetAdmin		0%	70.5 MB	0 MB/s	0 Mbps
Microsoft Excel		0%	28.1 MB	0 MB/s	0 Mbps
Microsoft Word		0%	288.0 MB	0 MB/s	0 Mbps
PC settings		0%	21.4 MB	0 MB/s	0 Mbps
Photos		0%	68.2 MB	0 MB/s	0 Mbps
Snagit Editor (32 bit)		0.2%	37.4 MB	0 MB/s	0 Mbps
SQL Server Man		0%	40.0 MB	0 MB/s	0 Mbps
Task Manager		0.3%	18.2 MB	0 MB/s	0 Mbps
Windows Explorer (3)		0.1%	86.8 MB	0 MB/s	0 Mbps
Background processes (98)					

Automatic Update

- At logon when a newer release of the application is available on deployment server

Troubleshooting

- Uninstall application



Remember

- Apps are installed locally
- Client needs access to Deployment Server
- ...

Hands-on

- DeployEZ Installation and deployment creation

See Also

On the wiki

111-all-DeployEZ