

# Windows Services

## Server Service:

First, we need to publish the Utopia Project.

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After that we need to create the service by running the command (use Admin Command Prompt):

```
SC CREATE "ServerService"  
binpath="C:\Projects\Efilecabinet\Utopia\Utopia\bin\Release\netcoreapp3.1\publish\Utopia.exe"
```

The bin path it's the path of the publish project + "Utopia.exe".

Now the service it's created. We can open the **Services** app of windows and check it.

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## The logs go to this path or similar:

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## Useful commands:

### Delete the service:

```
sc.exe delete "ServerService"
```

### Stop the service:

```
sc stop "FileOCRService"
```

## List of the service names and projects:

FileOCRService - File OCR worker  
Index Service - File Indexing worker  
Rubex Service - Utopia Batch Worker  
Server - Utopia

All the projects use .net core worker sdk, except File OCR Worker that continues on .net framework. For this project, we need to use the exact same name on the creation of the service. And if an error like this one ("*Login failed for user 'NT AUTHORITY\SYSTEM'. Reason: Failed to open the explicitly specified database 'UtopiaDB2'. [CLIENT: <local machine>]*") occurs, we need to create the user 'NT AUTHORITY\SYSTEM' on the db with all permissions.

Checking **Event Viewer** windows app it's useful for debugging services that fail to start for example.

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