



# Report Tool – Filename Service Explains

08 AUG 2024

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# Content

- Project name: Service\_ChangeExportFileName
- Add-in name: Export File Name Changing
- Add-in description: Auto change the name for exported files

This Runtime Service works as background program of RT.

When a new file is created in Project Export folder, the file created timestamp will be added to the filename automatically.

# Program explains

ABBZEE600

系統狀態

量測總覽

報表

Switchboard name - CB13: Connection lost

趨勢圖報表總覽電費計算15分鐘 需量預估

報表種類

盤名

報表時間段

夏季 / 非夏季用電

產生報表

最大需量

CB11

日報表

夏季

Refresh search

盤名：CB11

報表：最大需量

日期：8/8/2024 14:38:53

日報表 2024 / 8 / 7

平日尖峰時段		平日半尖峰時段
8/7/2024 09:50:35		29 kW
8/7/2024 10:01:35		37 kW
8/7/2024 11:00:01		33 kW
8/7/2024 12:01:35		29 kW
8/7/2024 13:01:36		37 kW
8/7/2024 14:00:01		33 kW
8/7/2024 15:01:21		29 kW
8/7/2024 16:47:05	37 kW	



Create Excel file

Create PDF

EN adminLegendTW-L-7447302169.254.61.3969.254.254.18:8/8/2024 14:39:00



# Program explains

Name		Date modified
 20240808143929-AllReport_MaxPower_Summer		8/8/2024 14:39
 20240808144011-AllReport_MaxPower_Summer		8/8/2024 14:40

File created timestamp

Original name

## Project codes explains

0 references

```
public void Start(IProject context, IBehavior behavior)
{
    thisProject = context;

    FileSystemWatcher watcher = new FileSystemWatcher();

    string folder = context.GetFolderPath(FolderPath.Export);
    watcher.Path = folder;
    watcher.NotifyFilter = NotifyFilters.CreationTime | NotifyFilters.FileName | NotifyFilters.LastWrite;

    watcher.Created += new FileSystemEventHandler(Event_triggered);
    watcher.EnableRaisingEvents = true;
}
```

Create Class item for File System

Get directory of export folder

Set path for Class

Set filter for Class

Enable event action

Set Sub-Program for action

## Project codes explains

```
1 reference
public static void Event_triggered(object sender, FileSystemEventArgs e)
{
    if (e.Name.Substring(0, 1) != "2")
    {
        string folder = thisProject.GetFolderPath(FolderPath.Export);
        string nowTime = DateTime.Now.ToString("yyyyMMddHHmmss");

        string new_name = folder + "\\ " + nowTime + "-" + e.Name;
        File.Move(e.FullPath, new_name);
    }
}
```

Get file directory from event

Change file directory

Get file name from event

**ABB**