

Report Tool – Filename Service Explains

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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.

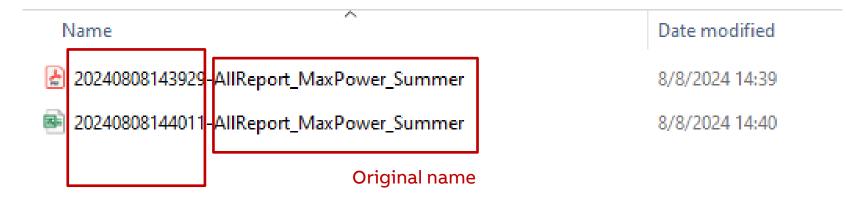


Program explains





Program explains



File created timestamp



Project codes explains

```
0 references
public void Start(IProject context, IBehavior behavior)
                                                              Create Class item for File System
    thisProject = context;
                                                                Get directory of export folder
    FileSystemWatcher watcher = new FileSystemWatcher(); /
    string folder = context.GetFolderPath(FolderPath.Export);
                                                                     Set path for Class
    watcher.Path = folder; ←
    watcher.NotifyFilter = NotifyFilters.CreationTime | NotifyFilters.FileName | NotifyFilters.LastWrite;
    watcher.Created += new FileSystemEventHandler(Event_triggered);
    watcher.EnableRaisingEvents = true;
                                                                                  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
```



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