**Claim Sheet**

**Unique Features**

1.One-way synchronization

-Backup from source to target

-Restore from target to source

2. Two-way synchronization

- Source:

File Creation

File Deletion

File Renaming

Folder Creation

Folder Deletion

Folder Renaming

- Target:

File Creation

File Deletion

File Renaming

Folder Creation

Folder Deletion

Folder Renaming

4. No Installation is needed

5. Able to view log file

6. SyncSharp is able to handle over one million files

7. Able to resolve file conflicts

8. Preview: show changes need to be performed for the both replicas

**Challenges encountered**

1. Our previous data structures (i.e. list structure) did not achieve sync actions if number of files gets larger.