

****GoAnywhere Project Actions Summary****

Below is a structured summary of your GoAnywhere project, organized by module. Each action is briefly explained, highlighting vital configuration such as source/target paths, protocols used (SFTP, Blob, MQ), file patterns, archiving, deletions, and post-transfer or error-handling steps. The summary is followed by a table for quick reference.

**Module: Main**

1. **SFTP Connections**

- ***SFTP connect to E91232***: Establishes connection to SFTP resource ID `E91232` for file operations (occurs multiple times for various steps).
- ***SFTP to I92122***: Connects to SFTP resource ID `I92122`, specifies key location as `KeyVault`, for destination transfers.

2. **File Checks and Workspace Management**

- ***EXIT if No Files***: Exits the project if no files are found on the source server (uses variable: `\${filelistonsrcservernum}`).
- ***Create workspace***: Initializes a temporary workspace/location for staging files.
- ***Create FileList from workspace***: Builds a variable-based file list (`filelistonworkspace`) and count (`filelistonworkspacenum`) of files in workspace for further processing.

3. **Archiving and File Operations**

- ***Call Archive files Project***: Invokes a shared subproject (`/project-functions-templates/Archive_Files`) to archive processed files.

- ***Delete processed files in above Copy task***: Deletes files that have been processed (``${listofprocessedfiles}``), typically after successful copy/transfer to target.
- ***Delete workspace***: Cleans up (deletes) the temporary workspace after processing.

4. ****Post-Transfer Actions****

- ***Call TransferSuccessData Project***: Calls another subproject (``/project-functions-templates/TransferSuccessData``) to log/report successful file transfers.

****Module: TransferFailure****

1. ****Error Handling****

- ***Set Error Message Variable***: Captures the error message from job context into variable ``errormsg``.
- ***Print FileTrack***: Appends error/file tracking data into a CSV log file located in ``${MFT_Logs}`` with filename pattern including current date.
- ***Call TransferFailed Project***: Invokes the ``/project-functions-templates/TransferFailedData`` subproject to log failure details.
- ***Raise Error***: Raises an error explicitly to trigger workflow error propagation.

****Summary Table****

Module	Action Type Label / Description	Key Details

----- ----- ----- -----			

Main	SFTP	SFTP connect to E91232	Source/Target: SFTP resource `E91232` (multiple uses)
Main	SFTP	SFTP to I92122	Destination: SFTP resource `I92122`, uses KeyVault
Main	Exit	EXIT if No Files	Condition: `\${filelistonsrcservernum eq 0}`; Exit if no source files
Main	Workspace	Create workspace	Initializes temp workspace
Main	File List	Create FileList from workspace	Output Variable: `filelistonworkspace`, Count: `filelistonworkspacenum`
Main	Archive	Call Archive files Project	Calls `/project-functions-templates/Archive_Files` subproject
Main	Delete	Delete processed files in above Copy task	Deletes files listed in `\${listofprocessedfiles}`
Main	Workspace	Delete workspace	Cleans up temp workspace
Main	Post-Transfer	Call TransferSuccessData Project	Calls `/project-functions-templates/TransferSuccessData` for logging/reporting
TransferFailure	Variable	Set Error Message Variable	Sets `errormsg` to `\${system.job.error}`
TransferFailure	Logging	Print FileTrack	Appends to `\${MFT_Logs}/\${CurrentDate('ddMMyyyy')}_TransferFiletracking.csv`
TransferFailure	Post-Failure	Call TransferFailed Project	Calls `/project-functions-templates/TransferFailedData`
TransferFailure	Error	Raise Error	Raises error for workflow

****Highlights:****

- ****Protocols Used:**** SFTP (no Blob or MQ in provided actions).
- ****Source/Target Paths:**** Resource IDs (`E91232`, `I92122`), workspace used for staging.
- ****File Patterns:**** File lists managed via variables, output in logs with date patterns.
- ****Archive Steps:**** Outsourced to a project template.
- ****Deletions:**** Processed files and temporary workspace deleted after processing.
- ****Post-Transfer:**** Successful and failed transfers are logged via called subprojects; errors tracked and reported accordingly.

This workflow ensures a robust process with proper file management, error handling, and logging/reporting.