

s3cmd Exclude Folder When Upload

When using `s3cmd` to sync or upload files to an S3 bucket, you can exclude specific files or folders using the `--exclude` option. This allows you to selectively upload content while excluding certain directories or files from being transferred.

Syntax for Excluding a Folder

To exclude a folder (or multiple folders) during the synchronization or upload process with `s3cmd`, follow this syntax:

```
s3cmd sync /path/to/local/folder s3://your-bucket-name/path/in/s3 --exclude "folder_name/*"
```

- `/path/to/local/folder`: Path to the local folder you want to sync/upload.
- `s3://your-bucket-name/path/in/s3`: S3 bucket destination path.
- `--exclude "folder_name/*"`: Specifies the folder name or pattern to exclude. Replace `folder_name` with the name of the folder you want to exclude.

Example

For instance, if you have a local folder named `myfolder` and you want to exclude a subfolder named `excluded_folder` when uploading to an S3 bucket named `my-bucket`, you can use:

```
s3cmd sync myfolder s3://my-bucket/ --exclude "excluded_folder/*"
```

This command ensures that the contents of `excluded_folder` within `myfolder` are not uploaded to `my-bucket`.

Additional Notes

- **Multiple Exclusions:** You can specify multiple `--exclude` options to exclude multiple folders or patterns. For example:

```
s3cmd sync myfolder s3://my-bucket/ --exclude "excluded_folder/*" --exclude "other_folder/*.txt"
```

- **Using Patterns:** The `--exclude` option supports glob patterns (`*`, `?`, `[...]`) to match multiple files or folders based on a pattern.
- **Preserve Metadata:** Optionally use `--preserve` to preserve file metadata during synchronization, and `--delete-removed` to delete objects in S3 that are not present locally.
- **Consult Documentation:** For more advanced usage or specific cases, refer to the `s3cmd` documentation (`man s3cmd` or `s3cmd --help`) for comprehensive details on its options and capabilities.

By leveraging the `--exclude` option in `s3cmd`, you can tailor your uploads to S3 to exclude specific folders or files as needed, ensuring flexibility and control over your synchronization operations. Adjust commands and options based on your specific requirements and environment.

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