**Aws-Transcoding-Workflow**

Two separate process are running in current setup to Transcode and update status.

1)Execute Job for Transcoding:-

* Create Instance of AmazonS3(Amazon Simple Storage Service ) by using AccessKey & SecretKey which is define in **AwsCredentials.properties** file.
* Get profile Id from **appConfig.properties** file.
* Get Details from profile\_master table for this profile id.which contains AmazonS3 Bucket, input & output directory.
* Get two months(Current,previous) Video form defined upload directory with max video count define in **appConfig.properties file.**
* check for video Extension and bitrates.Accepted Video Extensions are define in **appConfig.properties** file and bitrate is between last Underscore(\_) and Dot(.) from uploaded video name.
* Copy video from uploaded to processing directory.
* Delete video from uploaded directory.
* Get bitrate details from bitrate\_master table where bitrate < current video bitrate, and if current bitrate is less than 320.then it considered 320 as minimum bitrate.
* Set All video Transcode parameter like bitrate ,extension etc.
* Transcode video in all birate fromate.
* insert in input and transcoded video path in Transcoding\_input & Transcoing\_output tables.
* trigger Mail with video status and details.
* Insert in current video details in Transcoding\_process\_log table.
* Exit .

2) Executing status update in table

* Get All video from transcoding\_input table where status is 'Submitted' or 'Progressing' and update with status Complete and Error.
* trigger Mail with video status and details.
* Insert in current video details in Transcoding\_process\_log table.
* **Copy Video from procession to upload folder.**
* copy video from processing to upload .
* delete video from processing folder.
* Send Mail with video name and status.
* Insert in current video details in Transcoding\_process\_log table.
* **Copy Video from Error to upload folder.**
* copy video from processing to upload .
* delete video from Error folder.
* Send Mail with video name and status.
* Insert in current video details in Transcoding\_process\_log table.