XRCI-Impartus Docker Testing

Note: This document covers the Docker testing for the June 10th Release/Pilot. This document is a work-in-progress and will be jointly modified by the XRCI-Impartus development/delivery team.

Testing command: Need to test with Tester.java

To run Tester.java

**Java Tester –c InputJson ServerIp serverPort**

Example -

**Java Tester –c Input.json ip-address port**

java Tester VS\_1.json 13.218.151.182 6006

|  |  |  |
| --- | --- | --- |
| **No.** | **Exception Message** | **Cause** |
| 1. | JSON Exception in validating JSON. Mandatory fields are absent. | Invalid input JSON, Mandatory fields are missing |
| 2. | Exception occurred while getting the requests from database | API server is not able to get the status of request from Docker Database. |
| 3. | Severe Database exception. Not able to create connection | API server is not able to connect to Docker database. |
| 4. | SQL Exception occurred while updating the status for ttid: <ttid> | API server is not able to update the status of request in Docker database. |
| 5. | IO exception while copying the mp4 file for ttid : <ttid> | If video file is not exist or permission not granted. |
| 6. | Failed to create <ttid> directory for ttid: <ttid> | This exception occur while creating folder for mmtoc processing in mounted directory , if Docker don’t have permission to create folder than this exception will occurred. |
| 7. | Failed to create slides directory for ttid: <ttid> | This exception occur while creating folder of images for mmtoc processing in mounted directory , if Docker don’t have permission to create folder than this exception will occurred. |
| 8. | IO exception occurred while downloading the images for ttid: <ttid> | This exception occurred if images URL mentioned in input JSON is invalid or not accessible |
| 9. | JSON exception occurred while downloading the images for ttid: <ttid> | This exception occurred if key-value pair missing in image URL object in input JSON. |
| 10. | IO exception occurred while executing command for ttid: <ttid> | This is an internal exception occurred due to file permission in mounted directory. |
| 11. | Exception occurred while getting the server socket. Exiting server. | This exception occurred when required port for API server is busy or server is not able to start service on mention port <6006> |
| 12. | Not able to create connection to database. Please check MySQL server is Up and running/check the credentials. | This exception occurred if MySQL service is not running in Docker. |
| 13. | Your License has Expired! Exiting server. | This exception is occurred if code life is expire |
| 14. | IO Exception occurred while validating license! Exiting server. | This exception is occurred if some manual file operation c done with licencing files. |
| 15. | IO Exception occurred while creating the output JSON for ttid: <ttid> | This exception occurred when API don’t have permission to write output JSON file. |
| 17. | Exception occurred while getting the source folder name to Zip | This exception occurred when mmtoc output is not generated properly. |
| 18. | IO Exception occurred while zipping the files | This exception occurred if API is not able to make zip file out of mmtoc output. |
| 20. | URL Exception in Upload file to server | This exception occurred if post JSON (Impartus) URL is invalid. |
| 21. | IO Exception in Upload file to server | This exception occurred if some issue with file uploading on post JSON (Impartus) server. |
| 22. | Failed to get Host Name. Setting it to Blank! | This exception occurred if Docker API is not able to retrieve Docker ID. |