XINA Struct Report Email

The XINA Struct Report Email command line utility will find daily Export and Trend packages created for the given day, determine which users are registered to be emailed, and then create an email containing direct links to the Export and Trend packages. Note that this utility creates an email task for each user; the actual emailing will be handled by an AWS Lambda task.

Arguments

Name	Req	Description	Default
cache		Cache directory path. Used for any persistent caching across tasks for optimization purposes.	
conf	?	File path to the JSON config containing the report parameters.	
env	?	File path to the JSON environment file which defines environment parameters such as project specific paths.	
help		Print available options.	
host		XINA Tunnel host.	`"localhost"`
port		XINA Tunnel port.	`41746`
import	?	Import directory path. Files that need to be imported will be placed here.	
log	?	File path that log events will be written to.	
out	?	Ouptut directory path. Files placed here will be uploaded and accessible directly from the Task interface (e.g. notifications panel).	
post	?	Post directory path (for post-import outputs) e.g. uploading log files to the Task record.	
task	?	File path to the JSON file containing info about the Task.	
temp	?	Temp directory path for storing temporary files during execution.	

conf

The below table describes the available fields in the `conf` JSON file.

Name	Type	Req	Description	Default
model	utf8text	?	Path of model to generate emails for e.g. "moma.fm"	
hostname	utf8text	?	The hostname that will be used for creating the URLs to the Export and Trend packages in the email contents e.g. "moma.xina.io"	
date	utf8text		Generates the report for the given date/day. Supports 2 formats: YYYY-MM-DD (e.g. 2020-10-25) and YYYY-DOY (e.g. 2025-300).	Generates report for the day before the task creation time.

Example conf:

```
{
  "model": "pace.ops_pace",
  "hostname": "https://pace.xina.io",
  "date": "2024-01-30"
}
```

Revision #3
Created 2 April 2025 15:22:40 by Bradley Tse
Updated 19 August 2025 16:34:34 by Bradley Tse