

The Derivatives Service Bureau (DSB)

End of Day File Download

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Date: 25 April 2018
Version: 1.1

Contents

Preface	3
Change History	3
1 End of Day File Download definition.....	3
2 Support and Availability	4
3 Automating the file download	5
4 FAQ.....	5

Preface

Change History

Date	Change	Version	Author	Revision Details
19 October 2017	Creation	Draft	DSB	
25 April 2018	Amendment	1.1	DSB	Added File Naming convention. Amendments on 3. Automating the file download under Using Wget to accommodate the zipped version of the file.

1 End of Day File Download Definition

The DSB End of Day (EoD) File Download is made available via the links below shortly after 00:00 UTC daily.

UAT <https://uat.anna-dsb.com/file-download/isin/>

PROD <https://prod.anna-dsb.com/file-download/isin/>

Any network firewall/proxy configuration changes to enable connectivity to the above DSB Service stack should be made via the DNS hostnames indicated above as the IP addresses of these sites are dynamic.

File Naming convention

<Asset Class>-<yyyymmdd>.records

<Asset Class>-<yyyymmdd>.zip

Sample Result

Index of /file-download/isin/20180418/Commodities/

../		
Commodities-20180418.records	18-Apr-2018 00:15	52523
Commodities-20180418.zip	19-Apr-2018 00:05	3340

2 Support and Availability

Any DSB ISINs created or updated from the previous day are recorded in this location and segregated by asset class. If there are no DSB ISINs created e.g. New Year Holiday, there will be no files generated for that day. In the event that the DSB ISIN files are not available after 01:00 UTC, technical.support@ANNA-DSB.com will send an incident notification to users and follow up with timely updates thereafter.

The DSB recommends that users access and/or download the EoD files after 01:00 UTC to ensure that all updates to the ISIN Snapshot have completed.

Please contact your internal first line of support for all issues relating to browser outages, firewall issues, proxy issues, local code issues and all related matters. Your support team may contact technical.support@ANNA-DSB.com for issues relating to file availability.

3 Automating the file download

Using ReST API

You may use [REST API](#) to automate to access the file download section by referring to Section 3.7 of Download historical ISINs

Using Wget

It is also possible to access the file download section using wget command line (see: <https://en.wikipedia.org/wiki/Wget>). Wget is just one of the ways to automate the file-download and is not developed nor supported by the DSB.

Note: where <env> is either *prod* for **Production** or *uat* for **UAT**. Commands below are for zipped file and plain text file accordingly.

To download all records of a single day [e.g.: 20170602] use:

```
wget --user '<USER-EMAIL>' --password <PASSWORD> --no-parent -A zip -r https://uat.anna-dsb.com/file-download/isin/20170602/
```

```
wget --user '<USER-EMAIL>' --password <PASSWORD> --no-parent -A records -r https://uat.anna-dsb.com/file-download/isin/20170602/
```

To download Rates records of a single day [e.g.: 20170602] use:

```
wget --user '<USER-EMAIL>' --password <PASSWORD> --no-parent -A "Rates*.zip" -r https://<env>.anna-dsb.com/file-download/isin/20170602/Rates/
```

```
wget --user '<USER-EMAIL>' --password <PASSWORD> --no-parent -A "Rates*.records" -r https://<env>.anna-dsb.com/file-download/isin/20170602/Rates/
```

To download all Rates records in June 2017 days use:

```
wget --user '<USER-EMAIL>' --password <PASSWORD> --no-parent -A "Rates-201705*.zip" -r https://<env>.anna-dsb.com/file-download/isin/201705{0,1,2}{0,1,2,3,4,5,6,7,8,9}/Rates/
```

```
wget --user '<USER-EMAIL>' --password <PASSWORD> --no-parent -A "Rates-201705*.records" -r https://<env>.anna-dsb.com/file-download/isin/201705{0,1,2}{0,1,2,3,4,5,6,7,8,9}/Rates/
```

To download all Rates records (all days) use:

```
wget --user '<USER-EMAIL>' --password <PASSWORD> --no-parent -A "Rates*.zip" -r https://<env>.anna-dsb.com/file-download/isin/
```

```
wget --user '<USER-EMAIL>' --password <PASSWORD> --no-parent -A "Rates*.records" -r https://<env>.anna-dsb.com/file-download/isin/
```

4 Automating the file download

4.1 Does the DSB make a single historical file available for download?

The DSB does not currently make a single file download file available for all ISINs in the system as the DSB expects the file size to quickly grow unmanageably large. Users are requested to download daily files in a manner that this consistent with the acceptable use terms.