Nordic Feed Installation Guide

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# System Requirements

## Required Software

MySql Server <http://dev.mysql.com/downloads/mysql/>

Java <http://java.com/en/download/index.jsp/>

## Optional Software

MySql Workbench <http://dev.mysql.com/downloads/workbench/>

# Project Layout

|  |  |
| --- | --- |
| Nordic | Root project directory containing Nordic.jar, nordic.properties, & all project subdirectories. |
| Nordic\bat | Executable files to run program. |
| Nordic\bin | Compiled java classes. |
| Nordic\doc | Java Docs (open index.html). |
| Nordic\lib | 3rd party Java libraries |
| Nordic\output | All program output contained within. |
| Nordic\output\archive | Archived logs, feed, feed\_metadata. |
| Nordic\output\csv | Generated CSV reports. |
| Nordic\output\feed | Downloaded feed. |
| Nordic\output\feed\_metadata | Feed metadata (authorized titles & dates). |
| Nordic\output\feed\_rejects | Rejected files (corrupt zips). |
| Nordic\output\logs | Logs program execution. |
| Nordic\sound | Wav files used for audio indicators. |
| Nordic\sql | SQL needed to create database table & init files. |
| Nordic\src | Java source code. |

# Update Config Files

1. Set Java path variable in bat files.
2. Set your MySql Server init file as given in sql\my.ini. Additional settings are system dependant.
3. Configure nordic.properties – default values in next section.

# Configure Nordic.properties

# XBOX CONFIG – provided by the client

##############################################  
accountName=Nordic\_Feeds  
area=xboxlivegame  
endPointUrl=<https://insights.cloudapp.net/FeedsReport.svc>  
feedName=purchases  
secretKey=MzdDNkM1QkEtNjcxNS00MDBBLTgzOTAtQzJEQkQ4MDNFRjVB  
  
# DATABASE CONFIG

##############################################

# java class contained in lib/com.mysql.jdbc\_5.1.5.jar  
databaseJdbcDriver=com.mysql.jdbc.Driver

# JDBC URL for MySQL database deployed on localhost using schema = XBOX.  
databaseUrl=jdbc:mysql://localhost/XBOX

# MySQL User Name & Password  
databaseUserName=root  
databasePassword=root  
  
# Java Program CONFIG

##############################################  
# This is the project root directory (where project was unzipped) using “\\” Java path separator.  
projectRootDir=C:\\projects\\Nordic\\

# Java path separator  
slash=\\  
  
# ERROR outputs errors only  
# WARNING outputs warnings & errors  
# INFO outputs basic info, warnings, and errors  
# DEBUG = outputs debug lines & errors   
logLevel=INFO  
  
# Java Program boolean values must be Y or N

##############################################

# Option to zip feed & feed\_metadata directories into the archive folder.  
archiveFiles=Y

# Option to delete feed & feed\_metadata directories after read & uploaded to the database.   
deleteFiles=Y

# Option to overwrite files in feed & feed\_metadata during file feed.  
overwriteFiles=N

# Option to enable sounds used as audio indicators.  
enableSound=N  
  
# Values must be integer

##############################################

# Feed will not pull data for the (current date – feedDelay) value. Ex, on 6/20, most recent data will be from 6/10   
feedDelay=10

# Minimum number of characters allowed when searching a string field (which use “begins with” search operation).  
minSearchStringLength=3

# Run Program

Execute Nordic\bin\ShowGui.bat

|  |  |
| --- | --- |
| Show Search | Displays search screen. |
| Full Feed | Initial Database Load (downloads all files & then loads database. |
| Daily Feed | Downloads daily feed & loads database. |
| Quit App | Exits the program. |

# Optimize Database

1. You may want to drop the indexes during the initial load & add them afterwards (inserts will be quicker).
2. Run this SQL to improve performance after the initial load = OPTIMIZE TABLE PURCHASE
3. Additional tuning may be needed for your environment.
4. Testing confirmed with these settings I can build a report with 500,000 records in less than 5 minutes.

# Schedule Daily Feed

Windows Task Scheduler

Control Panel\All Control Panel Items\Administrative Tools\Task Scheduler

Menu>Action>Create Task















