Activity Diagram

User

● (start)

populate input file
(input.xml)

starts the program

start program

System

start program

parse input file

◇ [failed]

[success?

check query type

◇ [HtmlQuery] [ApiQuery]

[HistoricalQuery]

Create ApiQuery String   Create HistoricalQuery String   Create HtmlQuery String

Query Api Page   Query Historical Data Page   Query Html Page

◇ [QueryFailed]

[QuerySuccess]

◇ [QueryFailed]   Parse Html

[QuerySuccess]

◇ [QueryFailed]

[QuerySuccess]   Get output stream   extract required date

Program failed   write to csv

Output generated successfully

●