

Chinese Transactional Database: A User Manual

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This document is meant to be a user manual and guide for the Chinese Transactional Database. While the interface for the database is meant to be easy to use, an extra resource is often helpful to understand the functionality.

Any problems or questions not addressed in the manual may be sent to the Computer Science Systems Administrator: Tom Yanuklis at yanuklit@union.edu.

Acknowledgements

We would like to acknowledge and thank Professors Motahar and Dallas for their support and patience while testing the system for us, along with Computer Science Systems Administrator Tom Yanuklis and Professor Barr for aiding with implementation of the system. We'd also like to thank ITS Director Ellen Borkowski as well as college librarian Frances Maloy for funding of our project.

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Rules and General Guidelines

This document describes the rules, guidelines, and user agreement for access to the China Transaction Trade Database (“the database”) that Union College (“Union”) has acquired. Described herein are restrictions and regulations on access, dissemination, and publication of works deriving from the database.

- **Non-disclosure and Scope:** Access to the database is limited to Union faculty, non-Union faculty working with Union faculty, and students approved by faculty (the faculty member approving a student supervise their access and use of the data). You shall not resell or distribute any of the data without written permission from World Trade Daily.
- **Attribution:** Union faculty, non-Union faculty working with Union faculty, and Union students shall have analytical, research, publication and co-publication rights to works derived from their access to the database; such works shall include attribution to the database.
- **Minimum attribution:** “General Administration of Customs. Chinese Customs Bureau Transactional Trade Database. Compiled by Robert Thompson. Beijing: Haiguan tongji bianji bu 200u. Database.” Preferred attribution: “General Administration of Customs. Chinese Customs Bureau Transactional Trade Database. Beijing: Haiguan tongji bianji bu 200u. Database and Compiled by Robert Thompson, Editor-in-Chief, World Trade Daily, 2000 Mallory Lane Suite 130-244, Franklin, TN 37067 robert@worldtradedaily.com.”
- Access to the servers containing the database shall be limited to the Union campus.
- Access from residential networking, guest wireless, and the public Internet is not permitted.
- Folders and files generated in your work will use applicable file and directory permissions to prevent access by other users.
- **Acknowledgment:** By my continued use of this interface, I agree to follow all the rules and guidelines as presented, in addition to the general application of common sense.

History of the Database

In the spring of 2013, Union College purchased a large transactional trade database from a vendor in China. The database covers a range of a substantial number of Chinese import and export data from 2000 to 2006. This data includes relevant trade data on each transaction such as the quantity of the item purchased, the company and its credentials, a unique product identification number, and several other attributes. When first received, the database was over 100 gigabytes in size as a result of poor organization and formatting. Because of its size and format, the database is difficult to traverse without sufficient hardware and an understanding of data models and database design, leading to a need for a user manual.

The goal is to make this data accessible to both students and faculty, chiefly by providing an interface and evaluation tools that would shield users from the underlying complexities of the database, and provide for tools that extract specific information.

Exploring the Interface

At the top of the page, there are six clickable tabs which organize the interface of the site.

3.1 Query



Figure 3.1: The Query Tab

The first of these tabs is the the *Query* tab, where the user inputs their search parameters to specify the information that they want from the database. Note: Some values may be input as a comma separated list.

3.2 Company Search



Figure 3.2: The Company Search Tab

The second tab is where the user may search for specific country names to input into their query. It leads them to a results page where the user can take the Country name and copy and paste it to search.

3.3 Country Search



Figure 3.3: The Country Search Tab

The third tab is where the user may search for specific company IDs to input into their query. It leads them to a results page where the user can take the company ID and copy and paste it to search.



Figure 3.4: The Queue Tab

3.4 Queue

This is where users may view the current job queue, and see roughly when their job will be run.

3.5 Downloads



Figure 3.5: The Downloads Tab

This is where the users may view completed jobs, and download them to their computer.

3.6 Help



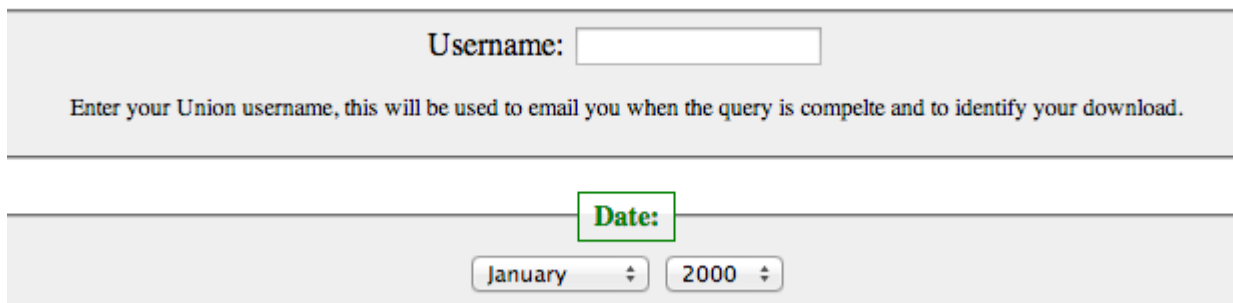
Figure 3.6: The Help Tab

A quick reference page where users can get some tips thanks to a small FAQ.

Querying the Database

4.1 Query

In order to retrieve data from the database, it's vital to know what exactly to input as parameters.



The screenshot shows two input fields. The first field is labeled "Username:" and contains a text input box. Below it is a note: "Enter your Union username, this will be used to email you when the query is complete and to identify your download." The second field is labeled "Date:" and contains two dropdown menus, one for the month (set to "January") and one for the year (set to "2000").

Figure 4.1: The first two fields: username and date

Here the user should put in their Union username so that the system knows who to email the results to. Please input usernames in the style of hazzardr and **NOT** hazzardr@union.edu.

The date field is the month that you would like information for. Just select the month and country you wish to query.



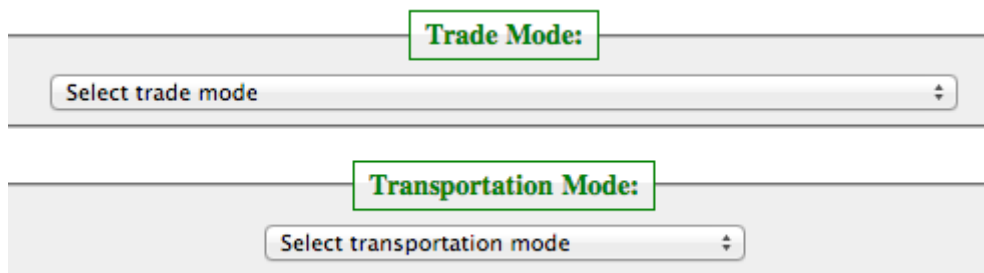
The screenshot shows two input fields. The first field is labeled "Trade Direction:" and contains three radio buttons: "Import" (selected), "Export", and "Both". The second field is labeled "Partner Country" and contains a text input box. Below it is a note: "Comma separated lists may be used."

Figure 4.2: The third and fourth fields: Trade Direction and Partner Country

In the trade direction field, the user should specify whether they would like to view imports, exports, or both. If the user selects both, there will be identifiers for each element they are searching for differentiating between imports and exports.

Partner country is the country that China is trading with, but there are a few subtleties to be explained. In the result file of the query, there are two fields to note: `acquiringCountry` and `destinationCountry`. If `acquiringCountry` and `destinationCountry` are the same, then it is a simple direct trade from one country to another. However, there are cases where the two fields are not the same. If the two countries aren't the same:

- If the trade direction is exports, the “`acquiringCountry`” field describes a country or city that is a “middle-man” between two countries. The `destinationCountry` is the ultimate destination point of the exported good.
- If the trade direction is imports, the “`acquiringCountry`” field describes a country or city that is like a “middle-man” between two countries. The `destinationCountry` is the original country that China imported the good from.

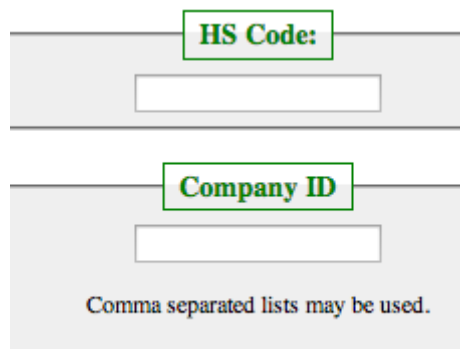


The image shows two separate form fields. The top field is labeled "Trade Mode:" in a green box. Below the label is a dropdown menu with the text "Select trade mode" and a small downward arrow icon. The bottom field is labeled "Transportation Mode:" in a green box. Below the label is a dropdown menu with the text "Select transportation mode" and a small downward arrow icon.

Figure 4.3: The fifth and sixth fields: Trade and Transportation Mode

Trade mode describes the context of a trade: is it a barter trade, a border trade, etc.? This field is the way that the good is traded.

Transportation mode describes the way the the product is being transported. The most common are rail, sea, or air.



The image shows two separate form fields. The top field is labeled "HS Code:" in a green box. Below the label is a rectangular input field. The bottom field is labeled "Company ID" in a green box. Below the label is a rectangular input field. Below the input field, the text "Comma separated lists may be used." is displayed.

Figure 4.4: The seventh and eighth fields: HS code and Company ID

HS code stands for *Harmonized System* code, and is a specific product descriptor. They are available online. See [here](#).

Company ID can be found using the search tab at the top of the page.

This field is the type of company, it describes whether it is a privately owned, publicly owned, or something else.

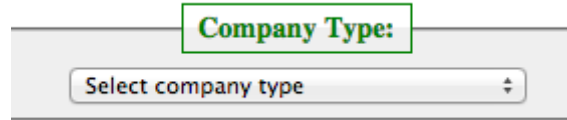


Figure 4.5: The ninth field: Company Type

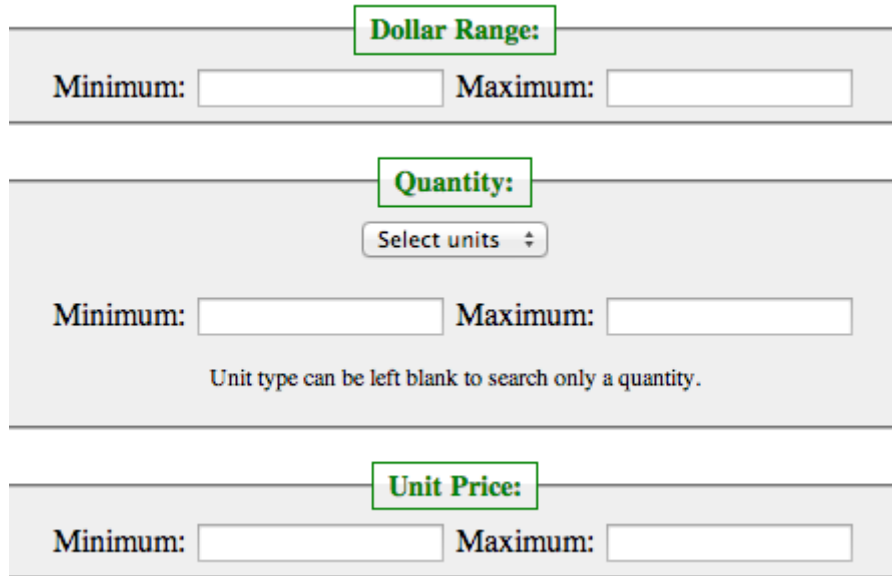


Figure 4.6: The 10th, 11th, and 12th fields: Dollar Range, Quantity, and Unit Price

Dollar Range describes a range between two US dollar amounts that the user wishes to examine.

Quantity simply describes the quantity range the the user would like to examine

Unit price is a normalized way of examining a range of prices.

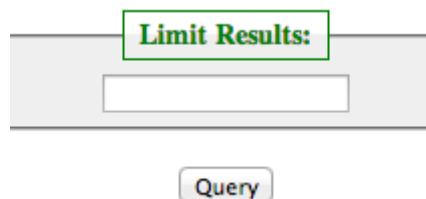


Figure 4.7: The last field: Limit Results

In this field, the user can input a number to limit the amount the results to so that the file size is more manageable.

4.2 Company Code

Now that we have an understanding as to what is going inside the search parameters, how do we get this information? While some of it may be the question that you're asking, there is definitely information that every user does not know off the top of their head. For example, many researchers want

to know information about a specific company or country's relationship with China. Understanding how to input these parameters into the database is vital for information retrieval. The process for retrieving both Company and Country Codes are virtually identical.

To get the company code to put into the query on the main page, it is necessary to navigate to the *Company Search* tab at the top of the page.



Figure 4.8: Company Search in the Navigation Bar

Once on the *Company Search* page, the user should type in either the name, or part of the name of the company that they wish to search for, along with the year of the data that they are searching. Then, simply hit the submit button.

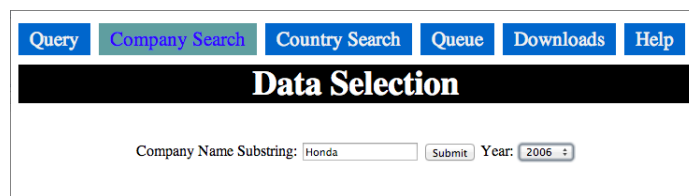


Figure 4.9: The name may differ from year to year, so it is important to select the year you will be querying!

The user will then be brought to the results page where they can choose whether to select one or all of the companies by using the check boxes on the left, or the *SELECT ALL* button located above the data table. The company ID codes will be automatically generated in the box below the results table.

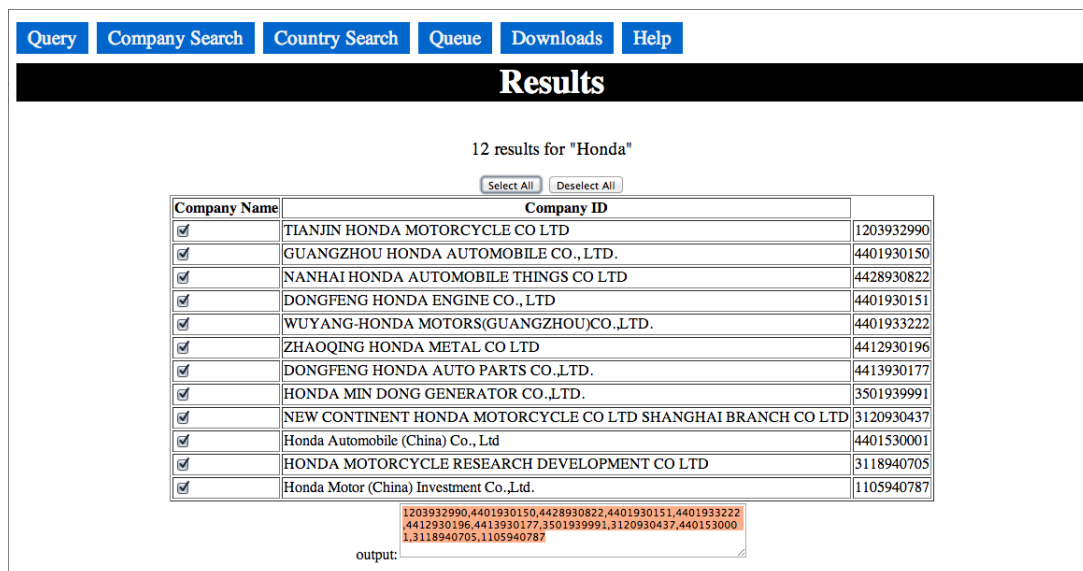


Figure 4.10: Select All button located above results taable

Once the correct company(ies) are selected, the user should hover over the text box and copy the codes to clipboard by either right clicking and selecting "Copy", or using *Control-c* for Windows users, or *Command-c* for Mac users.

11 results for "honda"

Select All Deselect All

Company Name	Company ID	
<input checked="" type="checkbox"/>	JIALING HONDA MOTORS CO LTD	5102930417
<input checked="" type="checkbox"/>	TIANJIN HONDA MOTORCYCLE CO LTD	1203932990
<input checked="" type="checkbox"/>	HONDA MIN DONG GENERATOR CO LTD	3501939991
<input checked="" type="checkbox"/>	GUANGZHOU HONDA AUTOMOBILE CO LTD	4401930150
<input checked="" type="checkbox"/>	WUYANG HONDA MOTORS(GUANGZHOU) CO LTD	4401933222
<input checked="" type="checkbox"/>	ZHAOQING HONDA METAL CO LTD	4412930196
<input checked="" type="checkbox"/>	DONGFENG HONDA AUTO PARTS CO LTD	4413930177
<input checked="" type="checkbox"/>	DONGFENG HONDA ENGINE CO LTD	4401930151
<input checked="" type="checkbox"/>	SHENZHEN CITY DONG FENG HONDA TRADING CO LTD	4403110955
<input checked="" type="checkbox"/>	HONDA R&D INDUSTRY CO LTD BEIJING OFFICE	1190990642
<input checked="" type="checkbox"/>	GUANGZHOU GUANG QI (HONDA) MOTOR SERVICES CO LTD	4401923454

output:

Please select all companies. Then, you can select the company IDs. You should copy (Ctrl+C) them. You can paste them in the search parameters.

- Undo (Ctrl+Z)
- Redo (Ctrl+Shift+Z)
- Cut (Ctrl+X)
- Copy (Ctrl+C)**
- Paste (Ctrl+V)
- Paste as plain text (Ctrl+Shift+V)
- Delete

Figure 4.11: The result IDs are being highlighted

Once the information is copied to the clipboard, the user can easily paste it into the correct box for the search parameters, and submit their query!

4.3 Country Code

Finding Country Code is virtually the same process as finding Company Code. Simply repeat the previous steps, but for the Country Search tab.

Job Management and File Retrieval

5.1 Queuing

Once the query has been submitted, all running and queued jobs are listed under the *Query* tab found at the top of the page inside the navigation bar.



Figure 5.1: Query in the Navigation Bar

The figure below is a screenshot of how the queue will appear when there is one job running, and two jobs queued for completion.

chinadb-v2.union.edu:

Job ID	Username	Queue	Jobname	SessID	NDS	TSK	Req'd Memory	Req'd Time	Elap S	Time
460.chinadb-v2.u chinadb-v2/0	chinadb	batch	DB1407179022	18839	1	1	--	00:48	R	--

Retrieved at: Mon Aug 4 15:03:43 EDT 2014
Please reload this page for the latest queue status.

Column Name	Description
Job Name	Internal job name, given on the query confirmation page when you submit a query.
S Column	R = Running Q = Queued C = Completed E = Exiting

Figure 5.2: The Queue

The output above can be daunting at first, but there are only a few things of significance. Under the *Job* column, there is a number. That number increments with each job submitted to the server to track how many queries have been submitted. The next important column is the Status (*S*) column. It denotes what the current status of all jobs is. Possible statuses include Running (*R*), Queued (*Q*), Completed (*C*), and Exiting (*E*). A job that is running is one that is currently being processed by the server. A job that is queued is one that will run once all jobs above it are out of the queue. A completed job typically will not appear in the queue, but when completed, a job is removed from this output,

and all pending jobs are moved up in the queue. Lastly, and exiting job is one that has encountered a problem and has had to exit. This is an unusual circumstance, and will rarely be seen. A job may be forced to exit if it exceeds the allocated runtime for a job (the maximum running time is 48 hours). The final column is elapsed time of the running job. It prints (in HH:MM format) the time that the current job has been running. In order to refresh the output of the queue, simply refresh the page.

There are two methods of retrieving the output of a completed job. The first one is via email. On the *Query* page, there is a field for username. When the submitted job completes, an email is sent to example@union.edu. That email includes a download link to the output. Completed jobs also appear in the interface under the *Downloads* tab in the navigation bar. Both methods of retrieval link to a .zip file, which will contain a .csv (comma separated value) file, a .sql (sequel) file, and a .txt (text) file. The .csv can be opened with a spreadsheet client such as Microsoft Excel. The other two files are for debugging purposes and unless there is an issue with the output, should be ignored.

It is important to note that there are two circumstances where a completed job will be removed from the server. The first, and more common circumstance is when the job is 24+ hours old. A process searches the downloads directory every hour, and deletes files that are over 24 hours old. The second circumstance is when the server becomes short on space. Although it likely will not happen frequently, it is possible to loose your job before the 24+ hour period is up.

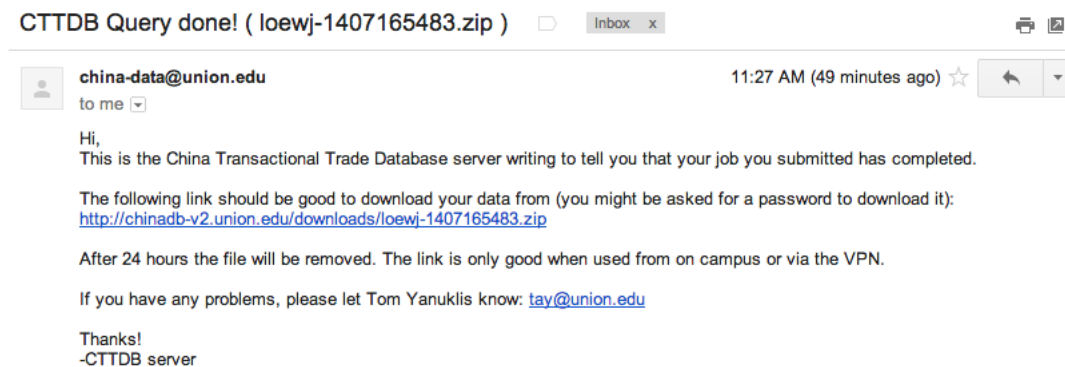


Figure 5.3: E-mail notification

Sample Query and Walk-Through

6.1 Data Selection

This chapter is intended to provide an example query to demonstrate the capability of some of the search features implemented in the system. In the demonstration, we will be searching for Honda products traded in March of 2006.

The process begins at the *Query* page. After entering a valid Union College username example@union.edu, proceed to enter the date of the desired transaction. In this case, that will be March of 2006. Next, select *Both* under the *Trade Direction* field.

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IMPORTANT NOTE: The only *required* fields in order to submit a query are Username, Date, and Trade Direction. All others are optional, though they may greatly help you specify the information that you want.

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The screenshot shows a web interface with a navigation bar at the top containing tabs for 'Query', 'Company Search', 'Country Search', 'Queue', 'Downloads', and 'Help'. Below the navigation bar is a black header with the text 'Data Selection' in white. The main content area contains three input sections: 1) A 'Username' field with the value 'loewj' and a small instruction below it: 'Enter your Union username, this will be used to email you when the query is complete and to identify your download.' 2) A 'Date' field with two dropdown menus, the first showing 'March' and the second showing '2006'. 3) A 'Trade Direction' field with three radio button options: 'Import', 'Export', and 'Both', where 'Both' is selected.

Figure 6.1: Beginning of Data Selection Page

The next field to fill out is *Company ID*. In order to find Honda's company ID, navigate to the *Company Search* tab in the navigation bar. Enter *Honda* in the text box, select *2006* in the drop down menu, and press the *Submit* button.

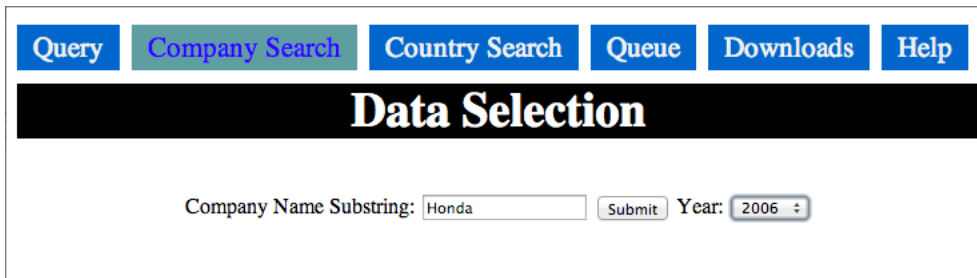


Figure 6.2: Company Search Tab

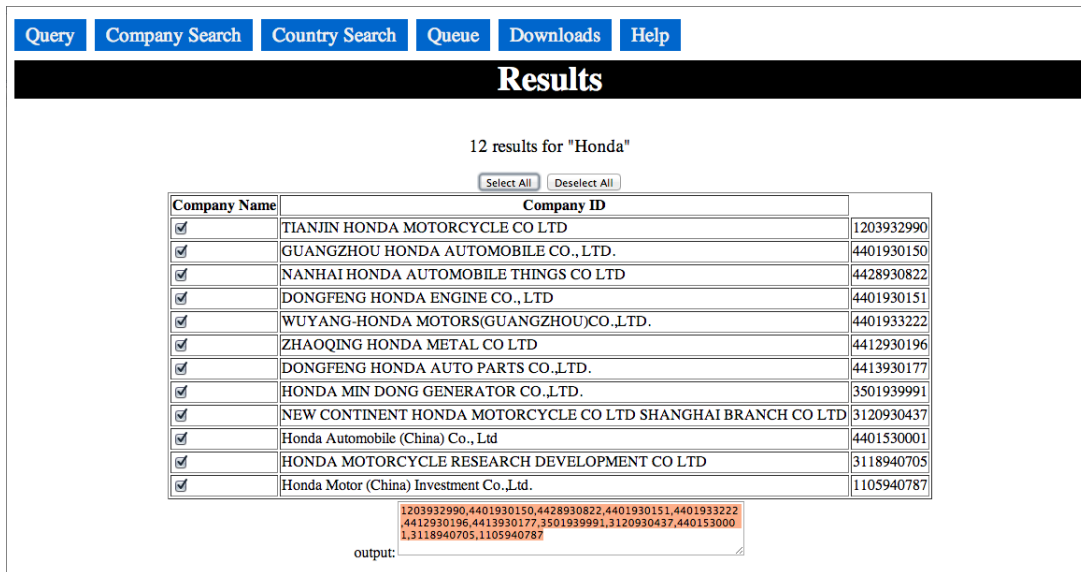


Figure 6.3: Company Search Results

6.2 Data Input

The results above are all company IDs with the word *Honda* in them. These are the desired results, so press the *Select All* button on the top of the page below the navigation bar. This will check all boxes (each time a box is checked, that value is appended or pulled from the *output* field accordingly). Now, mouse over the *output* box to select all contents. Either right-click and select *Copy* or Mac users can press command-c (control-c on Windows) on their keyboard to copy the text to the clipboard. Navigate back to the *Company ID* field on the *Query* page. Right click and select *Paste* or Mac users can press command-v (control-v on Windows) on their keyboard to paste the text from the clipboard.

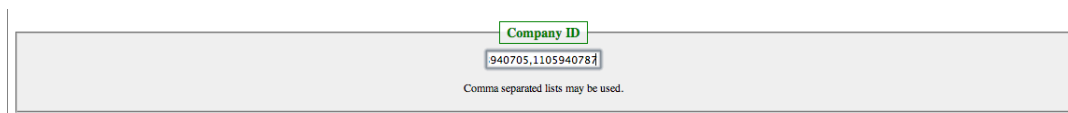


Figure 6.4: Company ID Field

For the demonstration, limit the results of the search to 1000 on the main interface page and press the *Query* button.

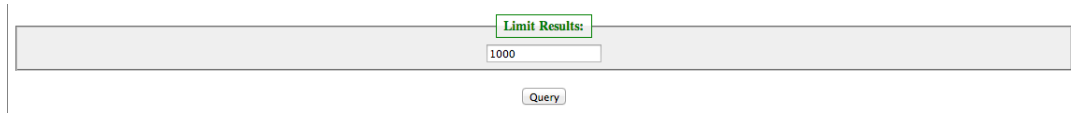


Figure 6.5: Limit Results and Submit

6.3 Data Retrieval

The job appears is the only job in the queue, and its running status is denoted by the **R** in the status column.

Query Company Search Country Search **Queue** Downloads Help

Queue Status

chinadb-v2.union.edu:

Job ID	Username	Queue	Jobname	SessID	NDS	TSK	Memory	Req'd Time	Req'd S	Elap Time
460.chinadb-v2.u	chinadb	batch	DB1407179022	18839	1	1	--	00:48	R	--
chinadb-v2/0										

Retrieved at: Mon Aug 4 15:03:43 EDT 2014
Please reload this page for the latest queue status.

Column Name	Description
Job Name	Internal job name, given on the query confirmation page when you submit a query.
S Column	R = Running Q = Queued C = Completed E = Exiting

Figure 6.6: The *Queue* Tab

Once completed, an email notification will be sent. To download to the results, go to the *Downloads* page and find the desired completed job based on the username and date/time submitted.

Query Company Search Country Search **Queue** **Downloads** Help

Available Downloads

Legend

B = Bytes
K = Kilobytes
M = Megabytes
G = Gigabytes

Filename	Size	Date
loewj-1407076610.zip	7.06K	August 03 2014 10:37:03
loewj-1407077211.zip	844.67K	August 03 2014 10:48:12
loewj-1407165468.zip	36.46M	August 04 2014 11:21:40
loewj-1407165476.zip	16.41M	August 04 2014 11:24:23
loewj-1407165483.zip	20.57M	August 04 2014 11:27:24
loewj-1407176620.zip	9.52M	August 04 2014 14:26:58
loewj-1407177118.zip	1.86K	August 04 2014 14:34:42
loewj-1407179022.zip	23.66K	August 04 2014 15:06:26
tay-1407170848.zip	2.37M	August 04 2014 12:48:54

Figure 6.7: The *Downloads* Tab

Once downloaded, unzip the file. Right-click the .csv (comma separated value) file and select "Open With." Select any spreadsheet client (such as Microsoft Excel) to view the file. Done!

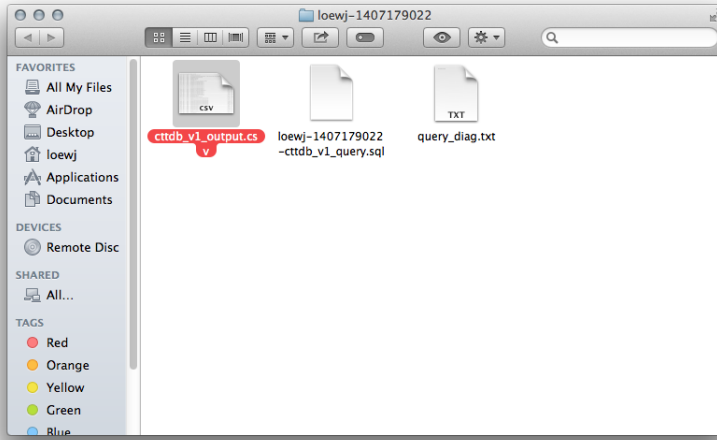


Figure 6.8: Contents of the zip file

syntheticID	declarationID	tradeDirctc	HScode	productDesc	US\$Amount	qtty	averagePrice	exUnit	companyID	companyName	address	phone	fax	zip	email	contactPerson	tradeMode	transportingCountry	acquiringCountry					
1	3573990	3/1/06	IMPORT	87082941 Motor vehicl	175648	5400	325.26518	N/ST	4402935105	GUANGDONG HONGSHA	(020-82277702;020-82279606			510700		ZHANG GUA	Guangdong	Joint Capital	Japan (JP)	Ordinary Tra Water	Japan (JP)	ASIA		
2	3610448	3/1/06	IMPORT	40101201 Endless trant	25	12	203.38333	KG	4402930150	GUANGDONG HONGSHA	(020-82277702;020-82279606			510700		ZHANG GUA	Guangdong	Joint Capital	Japan (JP)	Ordinary Tra Water	Japan (JP)	ASIA		
3	3629221	3/1/06	IMPORT	87082950 Baggage carr	10709	89	120.32584	KG	4402930150	GUANGDONG HONGSHA	(020-82277702;020-82279606			510700		ZHANG GUA	Guangdong	Joint Capital	Japan (JP)	Ordinary Tra Water	Japan (JP)	ASIA		
4	3629488	3/1/06	IMPORT	87082950 Other body c	186			KG	4428930822	NANHAI HONDA MOTORBIKE THINGS CO LTD						Guangdong	Joint Capital	Japan (JP)	Ordinary Tra Water	Japan (JP)	ASIA			
5	3629489	3/1/06	IMPORT	87082952 Motor vehicl	454874	144740	314.62975	KG	4402930151	DONGFENG HONGSHA	(020-82277702;020-82279394			510700		MA YUE	Guangdong	Joint Capital	Japan (JP)	Ordinary Tra Water	Japan (JP)	ASIA		
6	4108426	3/1/06	EXPORT	73181001 Nuts, vs, nes	9	5	1.8	KG	4402932222	WUFANG HC NO.82 XING	(020-8418242;020-8418656			510380		ZHANG LIU	Guangdong	Joint Capital	Jordan (JO)	Ordinary Tra Water	Jordan (JO)	AFRI		
7	4151570	3/1/06	EXPORT	73181001 Bolts or scre	6	5	1.2	KG	4402932222	WUFANG HC NO.82 XING	(020-8418242;020-8418656			510380		ZHANG LIU	Guangdong	Joint Capital	Jordan (JO)	Ordinary Tra Water	Jordan (JO)	AFRI		
8	4200533	3/1/06	EXPORT	84091910 Parts for oth	27145	2926	9.2771702	KG	4402932222	WUFANG HC NO.82 XING	(020-8418242;020-8418656			510380		ZHANG LIU	Guangdong	Joint Capital	Peru (PE)	Ordinary Tra Water	Peru (PE)	SAMR		
9	4200771	3/1/06	EXPORT	84091910 Parts for oth	840244	152136	15.5373888	KG	1200920990	TIANJIN HON WEST OF PIN	(022-2832482;022-2832555			300211		JIN JI YUAN	Tianjin, Heil	Joint Capital	Vietnam (VN)	Tianjin	Ordinary Tra Water	Vietnam (VN)	ASIA	
10	4201159	3/1/06	EXPORT	84091910 Parts for oth	75696	5360	14.1223881	KG	1209329990	TIANJIN HON WEST OF PIN	(022-2832482;022-2832555			300211		JIN JI YUAN	Tianjin, Heil	Joint Capital	Japan (JP)	Ordinary Tra Water	Japan (JP)	ASIA		
11	4205248	3/1/06	EXPORT	84091910 Parts for oth	915	107	8.5140287	KG	4402932222	WUFANG HC NO.82 XING	(020-8418242;020-8418656			510380		ZHANG LIU	Guangdong	Joint Capital	Dominican R	Guangdong	Ordinary Tra Water	Dominican Rep (DO)	CARR	
12	4206129	3/1/06	EXPORT	84091910 Parts for oth	139037	9978	13.9283556	KG	4413903177	DONGFENG HONGSHA	(020-82277702;020-82279394			510685		NIU HAIMO	Guangdong	Joint Capital	United Kingd	Shenzhen	Processing in Water	United Kingdom (GB)	EURO	
13	4206130	3/1/06	EXPORT	84091910 Parts for oth	140	13	10.7692308	KG	4412930196	ZHANGQING JI DONGE	(078-282521;078-283913			526600		JAQ YUE	Guangdong	Joint Capital	Japan (JP)	Ordinary Tra Air	Japan (JP)	ASIA		
14	4206331	3/1/06	EXPORT	84091910 Parts for oth	140	13	10.7692308	KG	4412930196	ZHANGQING JI DONGE	(078-282521;078-283913			526600		JAQ YUE	Guangdong	Joint Capital	Italy (IT)	EU/Guangdong	Ordinary Tra Water	Italy (IT)	EURO	
15	4206333	3/1/06	EXPORT	84091910 Parts for oth	145165	2415	6.0296728	KG	1200920990	TIANJIN HON WEST OF PIN	(022-2832482;022-2832555			300211		JIN JI YUAN	Tianjin, Heil	Joint Capital	Japan (JP)	Ordinary Tra Water	Japan (JP)	ASIA		
16	4206339	3/1/06	EXPORT	84091910 Parts for oth	298341	34294	8.2380496	KG	4412930196	ZHANGQING JI DONGE	(078-282521;078-283913			526600		JAQ YUE	Guangdong	Joint Capital	India (IN)	EU/Guangdong	Ordinary Tra Water	India (IN)	ASIA	
17	4206885	3/1/06	EXPORT	84199090 Parts of ai c	370	9	41.1111111	KG	4402930150	GUANGDONG HONGSHA	(020-82277702;020-82279606			510700		ZHANG GUA	Guangdong	Joint Capital	Japan (JP)	Ordinary Tra Air	Japan (JP)	ASIA		
18	4213730	3/1/06	EXPORT	84091910 Parts for oth	3007	60	16.7833333	KG	4402932222	WUFANG HC NO.82 XING	(020-8418242;020-8418656			510380		ZHANG LIU	Guangdong	Joint Capital	Jordan (JO)	Ordinary Tra Water	Jordan (JO)	AFRI		
19	4214880	3/1/06	EXPORT	84091910 Parts for oth	136353	9785	13.9349004	KG	4402930151	DONGFENG HONGSHA	(020-82277702;020-82279394			510700		MA YUE	Guangdong	Joint Capital	Thailand (TH)	Guangdong	Ordinary Tra Water	Thailand (TH)	ASIA	
20	4215089	3/1/06	EXPORT	84091910 Parts for oth	722	810	0.8915802	KG	4402932222	WUFANG HC NO.82 XING	(020-8418242;020-8418656			510380		ZHANG LIU	Guangdong	Joint Capital	Japan (JP)	Ordinary Tra Water	Japan (JP)	ASIA		
21	4217681	3/1/06	EXPORT	84091910 Parts for oth	581090	60904	9.6361028	KG	4412930196	ZHANGQING JI DONGE	(078-282521;078-283913			526600		JAQ YUE	Guangdong	Joint Capital	Japan (JP)	Ordinary Tra Water	Japan (JP)	ASIA		
22	4217796	3/1/06	EXPORT	84213100 Intake air fit	31	25	1.24	N/ST	4402932222	WUFANG HC NO.82 XING	(020-8418242;020-8418656			510380		ZHANG LIU	Guangdong	Joint Capital	Jordan (JO)	Ordinary Tra Water	Jordan (JO)	AFRI		
23	4265227	3/1/06	EXPORT	84840000 Bearings, nes	12	12	1.25	N/ST	4402932222	WUFANG HC NO.82 XING	(020-8418242;020-8418656			510380		ZHANG LIU	Guangdong	Joint Capital	Jordan (JO)	Ordinary Tra Water	Jordan (JO)	AFRI		
24	4271067	3/1/06	EXPORT	84810100 Transmission	540302	15840	38.1712475	N/ST	4413903177	DONGFENG HONGSHA	(020-82277702;020-82279606			516685		NIU HAIMO	Guangdong	Joint Capital	United Kingd	Shenzhen	Processing in Water	United Kingdom (GB)	EURO	
25	4272493	3/1/06	EXPORT	85022000 Generating s	222633	568	391.95907	N/ST	3505199991	HONDA MIN NO.7 HONDA	(0591-362300;0591-362322			350014		CHEN JIE	REJ Fujian Provin	Joint Capital	S. Africa (ZA)	Fuzhou	Processing in Water	S. Africa (ZA)	AFRI	
26	4272781	3/1/06	EXPORT	85022000 Generating s	228039	480	266.74791	N/ST	3505199991	HONDA MIN NO.7 HONDA	(0591-362300;0591-362322			350014		CHEN JIE	REJ Fujian Provin	Joint Capital	Japan (JP)	Fuzhou	Processing in Water	Japan (JP)	ASIA	
27	4273881	3/1/06	EXPORT	85022000 Generating s	35105	104	337.54807	N/ST	3505199991	HONDA MIN NO.7 HONDA	(0591-362300;0591-362322			350014		CHEN JIE	REJ Fujian Provin	Joint Capital	Peru (PE)	SA Fuzhou	Processing in Water	Peru (PE)	SAMR	
28	4274086	3/1/06	EXPORT	85022000 Generating s	40248	81	498.12457	N/ST	3505199991	HONDA MIN NO.7 HONDA	(0591-362300;0591-362322			350014		CHEN JIE	REJ Fujian Provin	Joint Capital	Argentina (AR)	Fuzhou	Processing in Water	Argentina (AR)	SAMR	
29	4274290	3/1/06	EXPORT	85022000 Generating s	67132	262	258.64703	N/ST	3505199991	HONDA MIN NO.7 HONDA	(0591-362300;0591-362322			350014		CHEN JIE	REJ Fujian Provin	Joint Capital	S. Africa (ZA)	Fuzhou	Ordinary Tra Water	S. Africa (ZA)	AFRI	
30	4274095	3/1/06	EXPORT	85022000 Generating s	68822	144	478.54167	N/ST	3505199991	HONDA MIN NO.7 HONDA	(0591-362300;0591-362322			350014		CHEN JIE	REJ Fujian Provin	Joint Capital	Vietnam (VN)	Fuzhou	Processing in Water	Vietnam (VN)	ASIA	
31	4275196	3/1/06	EXPORT	85022000 Generating s	10156	20	507	N/ST	3505199991	HONDA MIN NO.7 HONDA	(0591-362300;0591-362322			350014		CHEN JIE	REJ Fujian Provin	Joint Capital	Paraguay (PY)	Fuzhou	Processing in Water	Paraguay (PY)	SAMR	
32	4276426	3/1/06	EXPORT	85022000 Generating s	8189	20	441.81	N/ST	3505199991	HONDA MIN NO.7 HONDA	(0591-362300;0591-362322			350014		CHEN JIE	REJ Fujian Provin	Joint Capital	E. Salvador (SV)	Fuzhou	Processing in Water	E. Salvador (SV)	SAMR	
33	4276530	3/1/06	EXPORT	85022000 Generating s	9636	31	317.29023	N/ST	3505199991	HONDA MIN NO.7 HONDA	(0591-362300;0591-362322			350014		CHEN JIE	REJ Fujian Provin	Joint Capital	Nicaragua (NI)	Fuzhou	Processing in Water	Nicaragua (NI)	SAMR	
34	4276168	3/1/06	EXPORT	85022000 Generating s	1267	4	266.75	N/ST	3505199991	HONDA MIN NO.7 HONDA	(0591-362300;0591-362322			350014		CHEN JIE	REJ Fujian Provin	Joint Capital	St Lucia (LC)	Fuzhou	Ordinary Tra Water	St Lucia (LC)	CARR	
35	4279178	3/1/06	EXPORT	85022000 Generating s	2134	8	266.75	N/ST	3505199991	HONDA MIN NO.7 HONDA	(0591-362300;0591-362322			350014		CHEN JIE	REJ Fujian Provin	Joint Capital	Russia (RU)	Fuzhou	Ordinary Tra Water	Russia (RU)	EURO	
36	4279180	3/1/06	EXPORT	85022000 Generating s	3357	70	479.52857	N/ST	3505199991	HONDA MIN NO.7 HONDA	(0591-362300;0591-362322			350014		CHEN JIE	REJ Fujian Provin	Joint Capital	Brazil (BR)	Fuzhou	Processing in Water	Brazil (BR)	SAMR	
37	4279280	3/1/06	EXPORT	85022000 Generating s	1200	3	416.66667	N/ST	3505199991	HONDA MIN NO.7 HONDA	(0591-362300;0591-362322			350014		CHEN JIE	REJ Fujian Provin	Joint Capital	Guyana (GY)	Fuzhou	Processing in Water	Guyana (GY)	SAMR	
38	4279284	3/1/06	EXPORT	85022000 Generating s	2135	4	528.75	N/ST	3505199991	HONDA MIN NO.7 HONDA	(0591-362300;0591-362322			350014		CHEN JIE	REJ Fujian Provin	Joint Capital	Trinidad & Tobago	TT)	Fuzhou	Processing in Water	Trinidad & Tobago (TT)	CARR
39	4280316	3/1/06	EXPORT	84811000 Bearings, bal	78	30	2.6	N/ST	4402932222	WUFANG HC NO.82 XING	(020-8418242;020-8418656			510380		ZHANG LIU	Guangdong	Joint Capital	Jordan (JO)	Ordinary Tra Water	Jordan (JO)	AFRI		
40	4280469	3/1/06	EXPORT	85022000 Generating s	6039	95	635.70266	N/ST	3505199991	HONDA MIN NO.7 HONDA	(0591-362300;0591-362322			350014		CHEN JIE	REJ Fujian Provin	Joint Capital	United Arab	Fuzhou	Processing in Water	United Arab Emirates (AE)	AFRI	
41	4280574	3/1/06	EXPORT	85022000 Generating s	2092	4	602.25	N/ST	3505199991	HONDA MIN NO.7 HONDA	(0591-362300;0591-362322			350014		CHEN JIE	REJ Fujian Provin	Joint Capital	Costa Rica (C)	Fuzhou	Processing in Water	Costa Rica (CR)	SAMR	
42	4280583	3/1/06	EXPORT	85022000 Generating s	6455	10	645.5	N/ST	3505199991	HONDA MIN NO.7 HONDA	(0591-362300;0591-362322			350014		CHEN JIE	REJ Fujian Provin	Joint Capital	Liuhuaun (L)	Fuzhou	Processing in Water	Liuhuaun (L)	EURO	
43	4282961	3/1/06	EXPORT	85022000 Generating s	342232	4288	783.171538	N/ST	3505199991	HONDA MIN NO.7 HONDA	(0591-362300;0591-362322			350014		CHEN JIE	REJ Fujian Provin	Joint Capital	United States	Fuzhou	Processing in Water	United States (US)	PACI	
44	4282964	3/1/06	EXPORT	85022000 Generating s	48924	100	489.24	N/ST	3505199991	HONDA MIN NO.7 HONDA	(0591-362300;0591-362322			350014		CHEN JIE	REJ Fujian Provin	Joint Capital	Sudan (SD)	Fuzhou	Processing in Water	Sudan (SD)	AFRI	
45	4284199	3/1/06	EXPORT	85022000 Generating s	93788	296	318.45181	N/ST	3505199991	HONDA MIN NO.7 HONDA	(0591-362300;0591-362322			350014		CHEN JIE	REJ Fujian Provin	Joint Capital	Pakistan (PK)	Fuzhou	Processing in Water	Pakistan (PK)	ASIA	
46	4285892	3/1/06	EXPORT	85022000 Generating s	40681	66	613.78788	N/ST	3505199991	HONDA MIN NO.7 HONDA	(0591-362300;0591-362322			3										

Additional Information

If you're having problems with the system, please send an email to yanuklit@union.edu. Please try to be as descriptive as you can in your email.

7.1 Quick Help

- **Queries:** Only 1 query at a time runs from the run queue, but there can be many queries submitted without a problem. Please wait about 2 seconds before submitting your next query. Downloads are available for 24 hours, if the server gets full, they may be removed before 24 hours. The query result is a .zip file, containing a CSV file of your output (it also contains the SQL code generated for the query and a diagnostic file).
- **Country & Company select:** This searches based on partial or complete match for either. If you leave the field blank you get all the entries for countries or companies.
- **Queue:** shows you the current status of the batch queue of running jobs/jobs waiting to run.
- **Downloads:** Shows you the downloads that are currently available.