

# CRSP/COMPUSTAT RELEASE NOTES

APRIL 2018 QUARTERLY UPDATE

## ABOUT THE APRIL 2018 CRSP/COMPUSTAT MERGED DATABASE

The cut date for these release notes is 20180414. This shipment includes the following version of the CRSP/Compustat Merged Database:

- CMZ20180413– the CCM format database using Compustat’s Xpressfeed delivery.

## DATABASE CHARACTERISTICS

The following table summarizes general characteristics of the CCM database.

ATTRIBUTE	CCM FORMAT DATABASE
<b>Source</b>	<b>Compustat Xpressfeed</b>
Volume Label	CMZyyyyymm
Size	10.86 GB
Delivery	<a href="#">MOVEit Cloud</a>
CRSPAccess version	3.22 and higher – ts_print ccm_print
CRSPSift Version (Windows only)	Yes – all currently supported versions.
SASEXCCM Engine	Version 9.3 (Early Adopters)
C	Yes – CA3.22 and higher
Number of Data Items	Over 4000 quarterly & annual data items

## PROGRAMMERS

C-programming is supported with all CRSPAccess versions. C sample programs are included for use with the Xpressfeed data.

FORTRAN-95 continues to be supported in CRSPAccess. Information about usage are available in the CRSPAccess Utilities and Program Libraries Release Notes and the Programming Guide, which can be accessed online at: <http://www.crsp.ChicagoBooth.edu/documentation>.

A SAS Engine that supports the CCM data was released to early adopters in SAS Version 9.3. Since their first maintenance release of SAS version 9.40, the SASEXCCM engine is in full production. The most current ETS release in the field, ETS 13.1 is needed to use the engine. Note that the original SASECRSP engine is still in the field but does not have support for the CCM database.

## PARAMETERS

CMZ QUARTERLY	
Total Compustat Records	48,124
Total GVKEY Companies	45,926
Total GVKEYX Indexes	2,198
Total GVKEY/IID Securities	58,979
Total CRSP Securities Linked	28,609
Total GVKEYs in Link	45,883
Total Link Records	102,171
Total Link Records with a Link to CRSP	33,235
Database Size	10.86GB

## CALENDARS

The CCM database utilizes the CRSP stock calendars to align properly with CRSP data. Data in the CRSP daily Stock (and Indexes) file use daily and annual calendars. Data in the monthly files use monthly, quarterly and annual calendars.

CALENDAR	DATE RANGE	DATE INDEX RANGE
Daily trading calendar	19251231-20180413	1-24361
Monthly trading calendar	19251231-20221231	1-1165
Annual trading calendar	19251231-20191231	1-95
Quarterly trading calendar	19251231-20191231	1-377
Semi-Annual trading calendar	19251231-20191231	1-189
Weekly trading calendar	19260102-20180413	1-4815

## APRIL 2018 NEW DATA ITEMS

Listed in the table below are new data items and new keysets for existing data items that have been added this month.

ITEM MNEMONIC	ITEM NAME	KEYSET	KEYSET_TAG	DESCRIPTION
ACCTCHG	Adoption of Accounting Changes	22	FS3	Financial Services Format, Consolidated Information, Standardized Presentation, Rank 3
AMDC_DC	Amortization of Deferred Charges Data Code	4	FS	Financial Services Format, Consolidated Information, Standardized Presentation
CPDOI_DC	Claims Paid - Other Data Code	4	FS	Financial Services Format, Consolidated Information, Standardized Presentation
HFBDQ_FN	Bad debt as % of Rev Footnote	1	STD	Industrial Format, Consolidated Information, Standardized Presentation
HFBDY_FN	Bad debt as % of Rev Footnote	1	STD	Industrial Format, Consolidated Information, Standardized Presentation
HFBD_FN	Bad debt as % of Rev Footnote	1	STD	Industrial Format, Consolidated Information, Standardized Presentation
HFSUPQ_FN	Supplies as % of Rev Footnote	1	STD	Industrial Format, Consolidated Information, Standardized Presentation
PNLI_DC	Premiums Written - Non-Life Data Code	4	FS	Financial Services Format, Consolidated Information, Standardized Presentation
PPENTQ_FN1	Property Plant and Equipment - Total (Net) Footnote	1	STD	Industrial Format, Consolidated Information, Standardized Presentation
PPENTQ_FN1	Property Plant and Equipment - Total (Net) Footnote	2100	BSTD	Bank Format, Consolidated Information, Standardized Presentation
PPENT_FN	Property, Plant and Equipment - Total (Net) Footnote	2100	BSTD	Bank Format, Consolidated Information, Standardized Presentation
PPSC_FN	Pension Plans / Service Cost Footnote	1	STD	Industrial Format, Consolidated Information, Standardized Presentation
RECTRQ_FN1	Receivables - Trade Footnote	1	STD	Industrial Format, Consolidated Information, Standardized Presentation
RECTR_FN	Receivables - Trade Footnote	1	STD	Industrial Format, Consolidated Information, Standardized Presentation
XSTF_FN	Staff Expense (Income Account) Footnote	4	FS	Financial Services Format, Consolidated Information, Standardized Presentation

## APRIL 2018 LINK EDITS

### GVKEY 20693 NORTHSTAR ASSET MGMT GRP INC

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20090101	20140630	0	0	00X	NR	C
20140701	20170131	14686	54879	01	LC	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20090101	20140630	0	0	00X	NR	C
20140701	20170110	14686	54879	01	LC	P

### GVKEY 183144 ENERJEX RESOURCES INC

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20061229	20140616	0	0	01	NR	P
20140617	99999999	14720	54913	01	LC	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20061229	20140616	0	0	01	NR	P
20140617	20180326	14720	54913	01	LC	P

### GVKEY 30428 ALTA MESA RESOURCES INC

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20160101	20170330	0	0	00X	NR	C
20170331	20170331	0	0	01	NR	P
20170401	20170427	0	0	01	NR	C
20170428	20180228	0	0	01	NR	N
20170428	20180211	16677	55895	03	LC	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20160101	20170330	0	0	00X	NR	C
20170331	20170331	0	0	01	NR	P
20170401	20170427	0	0	01	NR	C
20170428	20180228	0	0	01	NR	N
20170428	99999999	16677	55895	03	LC	P

**GVKEY 33096 ALTA MESA RESOURCES INC**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20180212	99999999	16677	55895	01	LC	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20180212	99999999	0	0	01	NR	P

**GVKEY 264713 INFOSONICS CORP**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19990101	20040616	0	0	00X	NR	C
20040617	99999999	90207	45281	01	LC	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19990101	20040616	0	0	00X	NR	C
20040617	20180308	90207	45281	01	LC	P

**GVKEY 32912 DUNXIN FINANCIAL HOLDINGS**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20171229	20171231	0	0	90	NR	C
20180101	99999999	0	0	90	NR	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20171229	20171231	12367	53551	90	LC	C
20180101	99999999	12367	53551	90	LC	P

**GVKEY 25923 STANLEY FURNITURE CO INC**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19850101	19860929	0	0	00X	NU	C
19860930	19921109	0	0	01	NU	C
19921110	99999999	78068	8586	01	LU	C

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19850101	19860929	0	0	00X	NR	C
19860930	19921109	0	0	01	NR	C
19921110	20180314	78068	8586	01	LC	C
20180315	99999999	0	0	01	NR	C

**GVKEY 183603 COLONY NORTHSTAR INC**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20090101	20090923	0	0	00X	NR	C
20090924	20170110	93018	53208	01	LC	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20090101	20090923	0	0	00X	NR	C
20090924	20170110	93018	53208	01	LC	P
20170111	99999999	14686	54879	01	LC	P

**MARCH 2018 LINK EDITS****GVKEY 12665 APPLIED CONTROL SYSTEMS INC**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19840901	19861016	0	0	00X	NU	C
19861017	19871030	10764	8660	01	LU	P
19871031	19880531	0	0	99X	NU	C

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19840901	19861015	0	0	00X	NR	C
19861016	19871030	10764	8660	01	LC	P
19871031	19880531	0	0	99X	NR	C

**GVKEY 21206 SINO MERCURY ACQUISITION CP**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20140101	20140828	0	0	00X	NR	C
20140829	20140930	0	0	01	NR	P
20141001	20141019	0	0	01	NR	C
20141020	20151027	0	0	01	NR	N
20141020	20151027	15017	54997	02	LC	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20140101	20140828	0	0	00X	NR	C
20140829	20140930	0	0	01	NR	P
20141001	20141028	0	0	01	NR	C
20141029	20151027	0	0	01	NR	N
20141029	20151027	15017	54997	02	LC	P

**GVKEY 11462 HANDY & HARMAN LTD**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19610101	19620130	19238	21915	00X	LC	C
19620131	20050307	19238	21915	01	LC	P
20050308	20050729	0	0	01	NR	P
20050831	20081204	0	0	04	NR	P
20081205	20171031	92872	21915	04	LC	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19610101	19620130	19238	21915	00X	LC	C
19620131	19940726	19238	21915	01	LC	P
19940727	20050729	0	0	01	NR	P
20050831	20081204	0	0	04	NR	P
20081205	20171031	92872	56283	04	LC	P

**GVKEY 4472 EVERGREEN RESOURCE-OLD**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19810401	19811227	0	0	00X	NR	C
19811228	19880128	33647	5238	01	LC	P
19880129	19890331	33647	5238	01	LD	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19810401	19811220	0	0	00X	NR	C
19811221	19880128	33647	5238	01	LC	P
19880129	19890331	33647	5238	01	LD	P

**GVKEY 4822 FLYING TIGER LINE INC**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19790101	19840312	0	0	00X	NR	C
19840313	19850731	37130	6915	01	LU	P
19850801	19900228	0	0	99X	NU	C

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19790101	19840312	0	0	00X	NR	C
19840313	19840430	0	0	01	NR	P
19840501	19850731	37130	6915	01	LC	P
19850801	19900228	0	0	99X	NR	C

**GVKEY 10571 TIGER INTERNATIONAL**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19560101	19660130	0	0	00X	NU	C
19660131	19890228	37364	6915	01	LU	P
19890301	19890331	0	0	99X	NU	C

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19560101	19660130	0	0	00X	NR	C
19660131	19700629	37364	6915	01	LC	P
19700701	19890228	0	0	01	NR	P
19890301	19890331	0	0	99X	NR	C

**GVKEY 2828 CELERON CORP**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19510101	19620130	0	0	00X	NR	C
19620131	19680814	0	0	01	NR	P
19680815	19830617	46623	5140	01	LC	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19510101	19620130	0	0	00X	NR	C
19620131	19680814	0	0	01	NR	P
19680815	19780802	46623	5140	01	LC	P
19780803	19830630	0	0	01	NR	P

**GVKEY 64912 FOUNDATION HEALTHCARE LTD**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19950701	19970618	0	0	00X	NU	C
19970619	19990331	85007	15537	90	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19950701	19970616	0	0	00X	NR	C
19970617	19990331	85007	15537	90	LC	P

**GVKEY 65423 MTG-MODERN TIMES GROUP AB**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19960101	19970918	0	0	00X	NU	C
19970919	20031231	85384	15694	90	LU	P
20040101	20040227	0	0	90	NU	P
20040228	20050331	0	0	99X	NU	C

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19960101	19970917	0	0	00X	NR	C
19970918	20031231	85384	15694	90	LC	P
20040101	20040227	0	0	90	NR	P
20040228	20050331	0	0	99X	NR	C

**GVKEY 106847 HOME STAKE OIL & GAS CO**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19960101	19980226	0	0	00X	NU	C
19980227	19980511	0	0	01	NU	P
19980512	20001229	86069	16098	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19960101	19980226	0	0	00X	NR	C
19980227	19980510	0	0	01	NR	P
19980511	20001229	86069	16098	01	LC	P

**GVKEY 110679 BLUE RHINO CORP**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19930801	19980519	0	0	00X	NU	C
19980520	20040430	86088	16112	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19930801	19980518	0	0	00X	NR	C
19980519	20040430	86088	16112	01	LC	P



**GVKEY 31592 HENNESSY CAP ACQ CORP**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20170101	20170629	0	0	00X	NR	C
20170630	99999999	0	0	01	NR	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20170101	20170629	0	0	00X	NR	C
20170630	20170731	0	0	01	NR	P
20170801	99999999	0	0	01	NR	J
20170801	99999999	16864	55970	03	LC	P

**FEBRUARY LINK EDITS****GVKEY 7745 AVATEX CORP**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19500101	19620130	19019	21257	00X	LU	C
19620131	19990129	19019	21257	01	LU	C
19990130	99999999	0	0	01	NU	C

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19500101	19620130	19019	21257	00X	LC	C
19620131	19830912	19019	21257	01	LC	C
19830913	19990129	17278	56247	01	LC	C

**GVKEY 13121 FLAGSTAR CORP**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19500101	19621231	19617	22934	00X	LN	C
19630101	19640130	19617	22934	00X	LC	C
19640131	19861230	19617	22934	01	LC	P
19861231	19870104	0	0	01	NR	P
19870105	19891206	72792	25880	01	LC	P
19891207	19980331	0	0	99X	NR	C

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19500101	19621231	19617	22934	00X	LN	C
19630101	19640130	19617	22934	00X	LC	C
19640131	19781229	19617	22934	01	LC	P
19781230	19870104	0	0	01	NR	P
19870105	19891206	72792	25880	01	LC	P
19891207	19980331	0	0	99X	NR	C

**GVKEY 10699 TRANSWORLD LIQUIDATING TRUST**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19500101	19640130	0	0	00X	NR	C
19640131	19861230	19617	22934	01	LD	P
19861231	19870331	19617	22934	01	LC	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19500101	19640130	0	0	00X	NR	C
19640131	19781229	19617	22934	01	LD	P
19790102	19870331	17277	56246	01	LC	P

**GVKEY 147175 LORILLARD INC**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19990101	20020131	0	0	00X	NR	C
20020201	20150611	89303	21111	01	LC	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19990101	20020131	0	0	00X	NR	C
20020201	20080609	89303	21111	01	LC	P
20080610	20150630	17279	56249	01	LC	P

**GVKEY 24724 LIBERTY LATIN AMERICA LTD**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20150630	20150701	0	0	00X	NR	C
20150702	99999999	15403	45301	01	LC	P
20150702	99999999	15402	45301	02	LC	J
20150731	99999999	0	0	03	NR	J

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20150630	20150701	0	0	00X	NR	C
20150702	20171229	15403	45301	01	LC	P
20171230	20171231	17131	56166	01	LC	P
20180101	99999999	17131	56166	01	LC	J
20150702	20171229	15402	45301	02	LC	J
20171230	20171231	17130	56166	02	LC	J
20180101	99999999	17130	56166	02	LC	P
20150731	99999999	0	0	03	NR	J

**GVKEY 7422 EXCO RESOURCES INC**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19810306	19871002	54280	2978	01	LC	C
19871003	19980915	0	0	01	NR	C
19980916	20030729	86357	16277	01	LC	C
20060209	99999999	91109	16277	04	LC	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19810306	19871002	54280	2978	01	LC	C
19871003	19980915	0	0	01	NR	C
19980916	20030729	86357	16277	01	LC	C
20060209	20171222	91109	16277	04	LC	P
20171223	99999999	0	0	04	NR	P

**GVKEY 22515 PATRIOT NATIONAL INC**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20120101	20150115	0	0	00X	NR	C
20150116	99999999	15164	55161	01	LC	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20120101	20150115	0	0	00X	NR	C
20150116	20171122	15164	55161	01	LC	P
20171123	99999999	0	0	01	NR	P

**GVKEY 22729 WINLAND HOLDINGS CORP**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19930101	19950525	0	0	00X	NU	C
19950526	99999999	81651	13747	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19930101	19950525	0	0	00X	NR	C
19950526	20130320	81651	13747	01	LC	P
20130321	99999999	0	0	01	NR	P

## GVKEY 24483 BON-TON STORES INC

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19900201	19910923	0	0	00X	NU	C
19910924	99999999	76847	11123	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19900201	19910923	0	0	00X	NR	C
19910924	20171108	76847	11123	01	LC	P
20171109	99999999	0	0	01	NR	P

## GVKEY 31252 TPG PACE ENERGY HLDGS CORP

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20170101	20170530	0	0	00X	NR	C
20170531	99999999	0	0	01	NR	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20170101	20170530	0	0	00X	NR	C
20170531	20171231	0	0	01	NR	P
20180101	99999999	0	0	01	NR	J
20170626	20171231	16771	55962	02	LC	J
20180101	99999999	16771	55962	02	LC	P

## STEPS TO INSTALL:

- From the directory containing your downloaded zip file, right click (in Windows) or run File Roller (in Red Hat)
- Set the extract destination to the current higher level directory where data is normally stored and unzip will add the rest of the path (default is C:\ in Windows or /home in Red Hat)
- For example, in Windows, extracting to C:\ will install the data under C:\crspdata

Contact CRSP Client Services for assistance at: [support@crsp.chicagobooth.edu](mailto:support@crsp.chicagobooth.edu) or call 312-263-6400, Option 2.

## SETTING ENVIRONMENT VARIABLES

The zip process will not automatically set environment variables for use with command line tools. The following steps will do so.

NOTE: CRSPSift does not use and therefore does not require environment variables.

## LINUX

NOTE: The new zip installs are now saving to directories with lower case letters – for example, ~/crspdata/diz201308

Check the current state of the environment variables by entering this command: `env | grep crsp`

- If you have admin privileges on your machine, open the .profile file, and make updates to the following lines to update the paths for the new data installed:

- `CRSP_CCM=<full path name>/<compustat directory>` (example: `CRSP_CCM=~/.crspdata/cmz201309` )

- If you are using the bash shell (or any Bourne-style shell), enter the same commands above and export each one. This will make changes for your current session only and does not save to the .profile file.
- A shell script is available to make changes that can be reused for each update done. Note that this will only make changes to your current session and does not save to the .profile file.
  - Navigate to where the CUPL tools are loaded and then enter: `cd accbin`
  - Start the script by entering: `./crsp_setup.sh`
  - The script will prompt for the following:
    - File name (*will be appended with .kshrc*)
    - Top level directory (this should be where CUPL tools are located (example: `~/crsp` )
    - Scratch directory for error messages – name can be anything
    - Enter path for daily stock directory (example: `~/crspdata/diz201308`)
    - Enter path for monthly stock directory (example: `~/crspdata/miz201308`)
    - Enter path for index directory (example: `~/crspdata/ifz201308`)
    - Enter path for CCM directory – enter to leave blank (example: `CRSP_CCM=~/crspdata/cmz201309` )
    - Enter path for CST directory – enter to leave blank
    - Execute script by running: `./<file name created above>.kshrc` (*note there is a space between the two dots*)

#### **WINDOWS:**

The CRSP Client Environment utility provides users a way to check the location of the software and to set environment variables. The utility can be started by locating it under installed programs CRSPAccess/CRSP Client Environment, or by navigating to the /accbin folder where the CUPL tools are installed and running: `Client_Environment.exe` . After making any changes, be sure to log off and back into Windows for the settings to be saved.