

These release notes pertain to the July 2012 Monthly release of the CRSP US Stock and Index databases.

### JULY 2012 DATA EDITS

#### GROUP EDITS

BEGIN DATE	END DATE	DESCRIPTION
20100115	20120505	Reviewed cases where shares outstanding changed, then reverted back to an old value for the 20100115-20120505 date range. Updated shares outstanding values as needed.
20050101	20120101	Reviewed cases of missing ADR distributions (vendor data with no ex-date). Edits consisted of adding missing distributions to the database. 46 new adds in total.

#### INDIVIDUAL EDITS

PERMNO	COMPANY NAME	BEGIN DATE	END DATE	DESCRIPTION
80081	ABERDEEN EMRG MKTS TELE & INF FD	19941221	20111228	Changed distribution codes for regular dividends to 1242 from 1252 on exdates 19941221, 19961227, and all exdates between 20070719 and 20111228.
13429	ALEXANDER & BALDWIN INC NEW	20120614	20120629	Company name changed to ALEXANDER & BALDWIN INC NEW from ALEXANDER & BALDWIN INC for 20120614-present
78201	ATTUNITY LTD	20080222	20120725	Added zero namelines to reflect off-exchange activity for 20080222 - 20120725.
4854	BANCO BRADESCO S A	20110628	20120628	Distribution code changed to 1272 from 1212 on exdates 20110628 and 20120628.
11003	CHESAPEAKE MIDSTREAM PTNRS L P	20100723	20120629	Changed name to CHESAPEAKE MIDSTREAM PTNRS L P from CHESAPEAKE MIDSTREAM PARTNERS LP for entire history.
93208	COLUMBIA E T F TRUST	20120402	20120601	Changed distribution code to 1222 from 1223 on exdates 20120402, 20120501 and 20120601.
77124	D T F TAX FREE INCOME INC	20110112	20120613	Changed distribution code to 1223 from 1222 on exdates between 20110112 and 20120613 and changed distribution code to 1273 from 1272 on exdate 20111215.
75465	D W S STRATEGIC MUNI INCOME TR	20110113	20120614	Changed distribution code for regular dividends to 1223 from 1222 on exdates between 20110113 and 20120614.
87482	DIGIMARC CORP	20080814	20080814	Added spin-off distribution on ex-date 20080814
89811	MANAGED DURATION INVT GRD MUN	20031105	20120613	Changed distribution code to 1223 from 1222 for entire history.
88488	MARKET 2000 HOLDRS TR	20120629	20120629	Added distribution for \$0.004731 on exdate 20120629.
92908	NUVEEN CALIF MUNI VALUE FUND 2	20090611	20120613	Changed distribution code to 1223 from 1222 for exdates between 20090611 and 20100311 and between 20101213 and 20120613.
81511	SOBIESKI BANCORP INC	20040806	20040806	Changed delist code to 450 from 470 to reflect addition of final liquidation payment
75418	VODAFONE GROUP PLC NEW	20120606	20120606	Changed semi-annual distribution amount to 1.01081 from 1.01469 on ex-date 20120606
11845	W P P PLC	20120606	20120606	Changed semi-annual distribution amount to 1.32612 from 1.35888 on ex-date 20120606

## FILE VERSION SPECIFICS

This table contains version specific information for the CRSP Stock Files with data ending July 2012. It contains the number of securities and information about the maximums of the event arrays.

FILE CODE	# OF SECURITIES	MAX NAMES	MAX DIST	MAX SHARES	MAX DELISTS	MAX GROUPS	MAX NASDIN	FIRST PERMNO	LAST PERMNO
DAZ	29435	39	1473	1310	1	4	2385	10000	93436
MAZ	29406	39	1473	1310	1	4	2385	10000	93436

CALENDAR	DATE RANGE	DATE INDEX RANGE
Daily trading calendar	19251231-20120731	1-22927
Month-end trading calendar	19251231-20120731	1-1040
Year-end trading calendar	19251231-20131231	1-89
Quarter-end trading calendar	19251231-20131231	1-353
Weekly trading calendar	19260102-20120731	1-4518

## CRSPACCESS PRODUCT INFORMATION

To simplify installation for our subscribers, data are bundled into product groups. Information relevant to each product group is listed in the table below.

PRODUCT NAME	DATABASE	MEDIA	SIZE	INDEXES	PORTFOLIOS	COMPONENTS & DESCRIPTION
CRSP 1925 US Stock and Index Database	FIZyyyyymm	DVD	3.7 GB	All CRSP indexes and portfolio assignments	All portfolios	DI - 1925 Daily US Stock & Index Database MI - 1925 Monthly US Stock & Index Database IF - CRSP Supplemental US Indexes
CRSP 1925 US Stock	FAZyyyyymm	DVD	3.3 GB	CRSP NYSE/ AMEX/ NASDAQ Value-weighted Market, CRSP NYSE/ AMEX/ NASDAQ Equal-weighted Market, S&P 500 Composite, NASDAQ Composite		DA - 1925 Daily US Stock MA - 1925 Monthly US Stock IN - CRSP Limited US Indexes
CRSP 1962 US Stock	A6Zyyyyymm	DVD	2.9 GB	CRSP NYSE/ AMEX/ NASDAQ Value-weighted Market, CRSP NYSE/ AMEX/ NASDAQ Equal-weighted Market, S&P 500 Composite, NASDAQ Composite		D6 - 1962 Daily US Stock M6 - 1962 Monthly US Stock IN - CRSP Limited US Indexes
CRSP 1962 US Stock and Index Database	AXZyyyyymm	DVD	3.2 GB	See FIZ	All portfolios	DX - 1962 Daily US Stock & Index Database MX - 1962 Monthly US Stock & Index Database IF - CRSP Supplemental US Indexes
CRSP 1925 US Indexes	IFZyyyyymm	DVD	115 MB			IF - CRSP Supplemental US Indexes
CRSP/Compustat Merged Database	CMZyyyyymm	DVD	7.6 GB			CM - Compustat Data formatted in CRSPAccess Database
Daily & Monthly Treasuries in CRSPSift	TRZyyyyymm	DVD	217 MB			TR - Database format for use with CRSPSift
Daily & Monthly Treasuries Files	TFZyyyyymm	DVD	1.16 MB			TF - New expanded daily and monthly files in EXCEL, SAS, and ASCII formats

PRODUCT NAME	DATABASE	MEDIA	SIZE	INDEXES	PORTFOLIOS	COMPONENTS & DESCRIPTION
Daily & Monthly Legacy Treasuries Files	TLZyymm	DVD	1.14 GB			TL - Legacy daily and monthly files in EXCEL, SAS, and ASCII formats
Mutual Fund Database	MFZyyyyymm	DVD	6 GB			MF - Mutual Funds
CRSP/Ziman Daily & Monthly REIT	RAZyyyyymm	DVD	214 MB			RD - Daily REITs RM - Monthly REITs
CRSP/Ziman Monthly REIT	RMZyyyyymm	DVD	10 MB			RM - Monthly REITs

## DATA INSTALLATION

Instructions and screen shots for installation are written for Windows. Differences related to Linux and Sun or media are noted.

### WINDOWS:

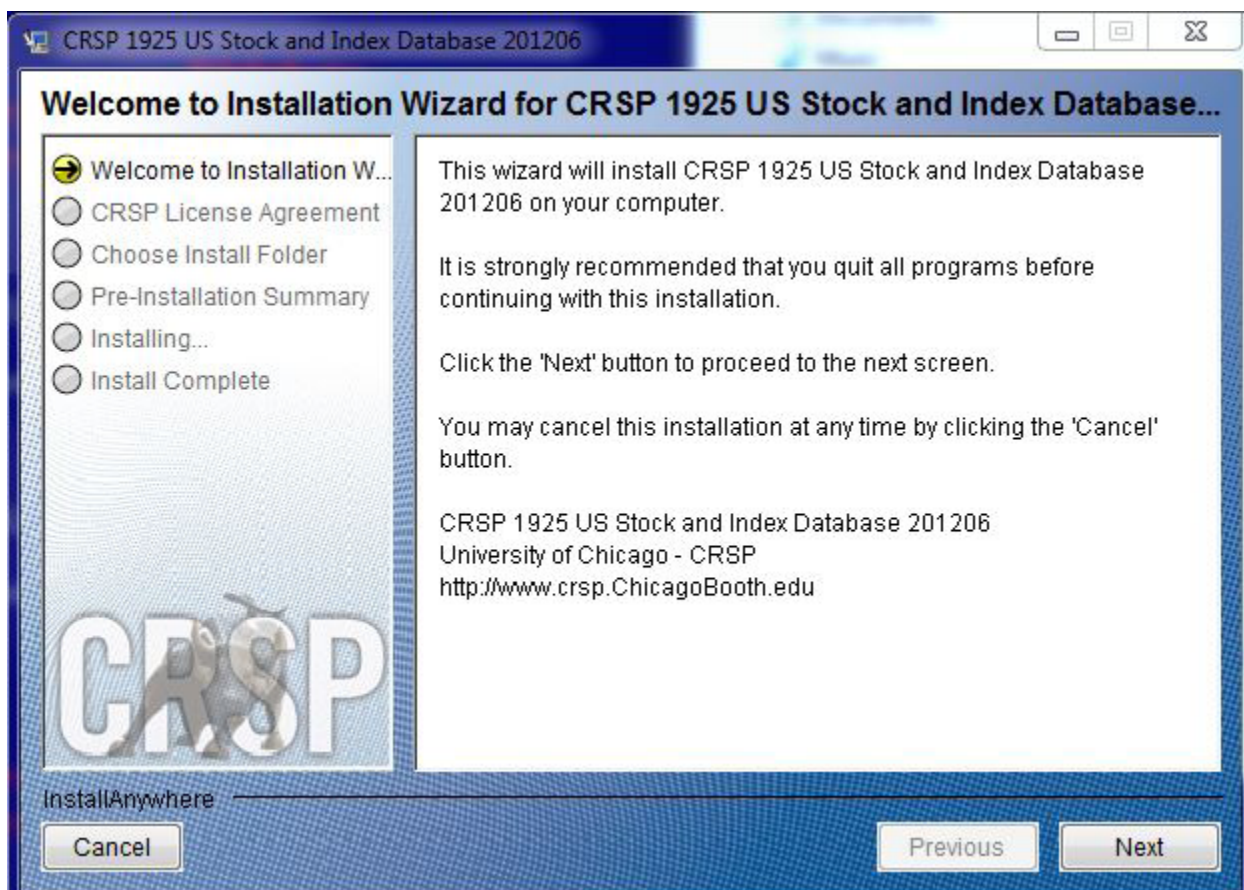
To install data, insert your DVD into the drive and from the Start Menu, select Run d:\setupwin32.exe. Click OK.

### SUN SOLARIS (DVD INSTALL):

After inserting the DVD, a file manager will open with the file, `setupsolaris.bin`. Double click on this setup file to begin the installation process.

### LINUX(DVD INSTALL):

Upon insertion of the DVD, a file manager will open with the file, `setuplinux.bin`. Double click on this setup file to begin the installation process.

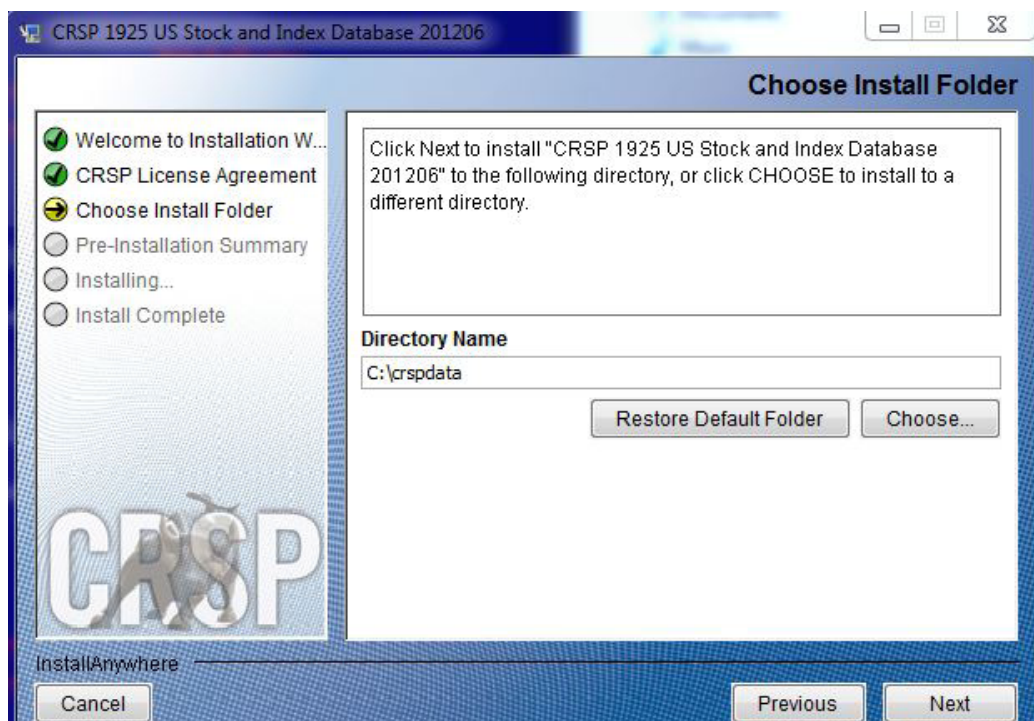


After clicking on **Next** on the Welcome screen, scroll through and read the CRSP Data and Utilities Agreement. Click to accept the terms of the license agreement. Click **Next**.



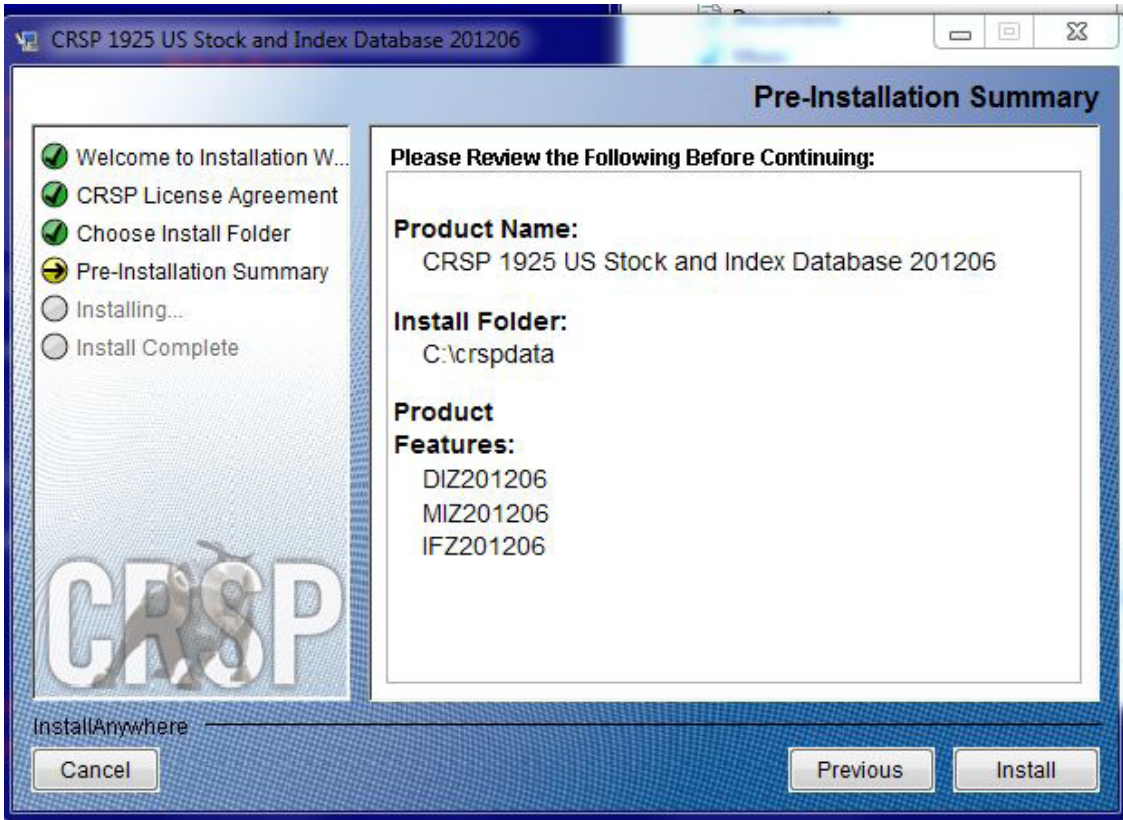
**WINDOWS:** The default directory for the data installation is `c:\crspdata`. You may accept or modify it. Click **Next**.

**SUN SOLARIS & LINUX:** The default directory for the data installation is `/crspdata`. You must have write permission to the directory you specify, for example, `/home/username/crspdata`.

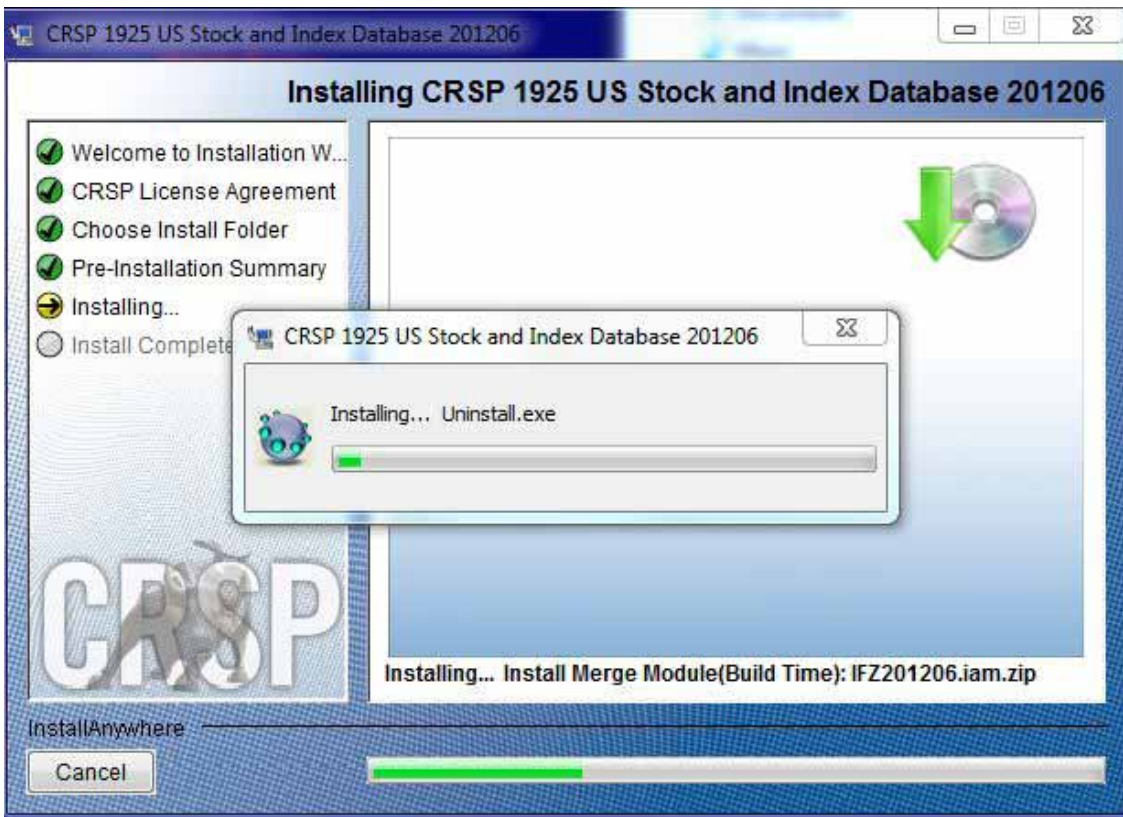




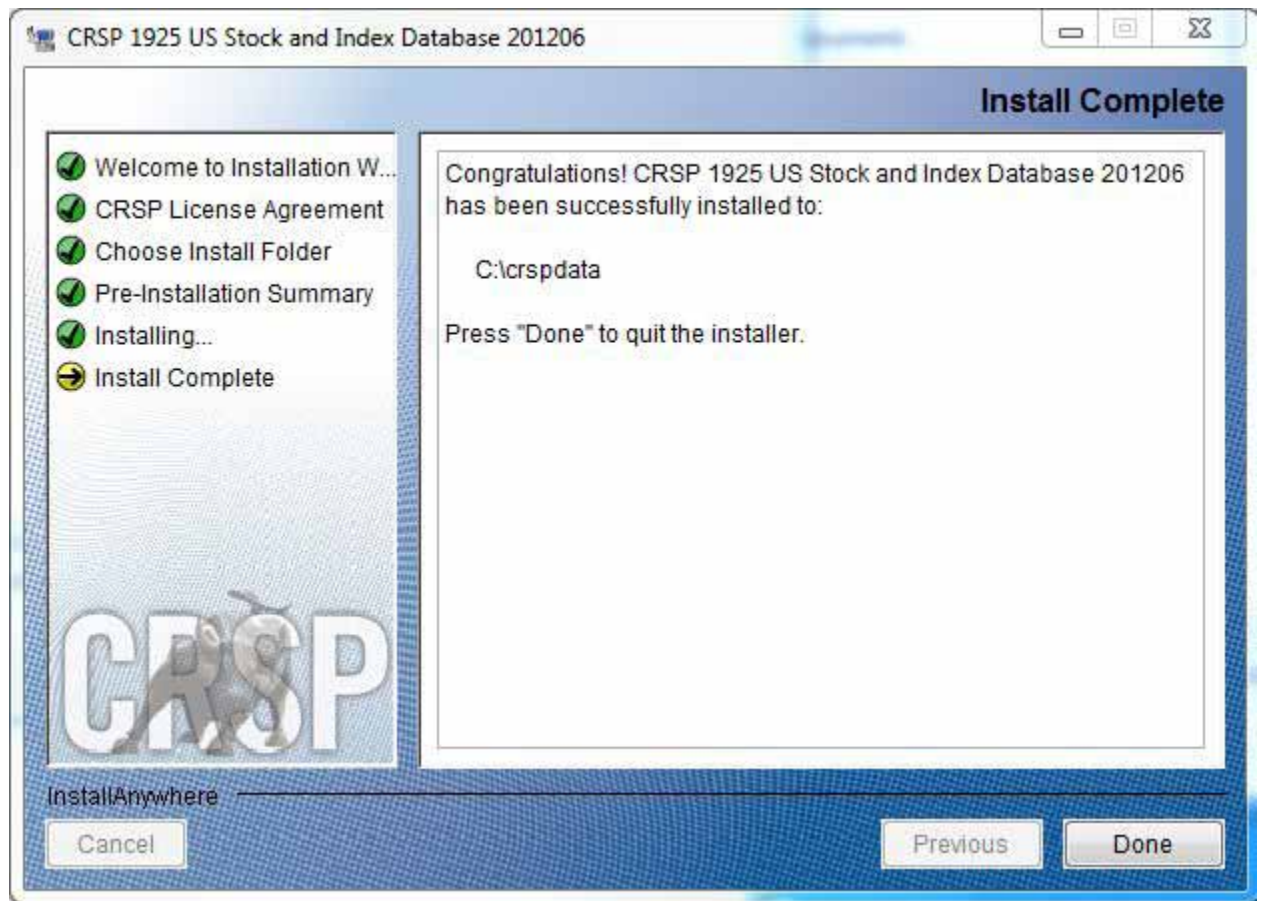
Summary information is displayed: Location, data components and the amount of space that is required for the data. Click on **Install** to proceed.



The screen will display the status of the installation.



A message indicating the success of the installation appears when the process is complete. Click **Done**.



## LINUX AND SUN SOLARIS ENVIRONMENT VARIABLES

### Important Change for Sun Solaris & Linux Installations:

Following previous installs, the `crsp.kshrc` file was run upon completion to set both environment variables and software alias values. This new version of InstallAnywhere sets the environment variables directly on the system when the software is installed. The `crsp.kshrc` file must still be run to set the aliases.

A user may wish to revert back to a previous cut of data or a previous version of the software. In order to do so, CRSP provides shell scripts for users to run that will create a custom-named `kshrc` file that the user may run to set environment variables at the session level. This process also provides a way for a system administrator to create a script that can be put into the system login process so that the environment variables are seen by all users.

To use a shell script for generating an initialization script file, follow these steps:

1. `cd` to the root directory where program files have been loaded.

```
cd accbin
```

2. If you are running `csh` shell, enter

```
source crsp_setup.csh
```

If you are running `ksh` or `bash` shell, enter

```
./ crsp_setup.sh
```

3. The script will prompt for data, root, and log directories. Follow the instructions on the prompts in

terms of trailing slashes in directory names.

The script will create new scripts, `mycrsp.cshrc` in `csh` or `mycrsp.kshrc` in `ksh`. `mycrsp` is the default that may be changed.

Note: When creating a custom `kshrc` file, be aware that it will overwrite a like-named file if one exists rather than create a new version. The `kshrc` file will overwrite all environment variables, so must be completely filled in.

`env | grep CRSP` can be used to check the CRSP environment variables set.

### WINDOWS:

Location of the software and data may be checked by opening CRSP Client Environment from the CRSPAccess menu. This new utility provides users a quick and simple way of both checking and switching environment variables if necessary. Where, in the past, users had to go through the Control Panel to manipulate the environment variables, this can now be done by quick editing of the Client Environment screen.

Note: For subscribers of the CRSP Compustat Merged database, additional CCM database environments will be displayed for the location of the Compustat data.



## UNINSTALL

To uninstall the data, go through Start > Control Panel > Add or Remove Programs. The data will appear in the Add or Remove Programs list as the volume label and cut date of the database. For example, the October cut of the 1925 US Stock and Index Database will be displayed as FIZ200910. Highlight your selection, click on the Change/Remove button and follow the prompts.