These release notes pertain to the July 2008 monthly release of the CRSP US Stock and Indices databases.

This shipment of data utilizes the InstallShield® wizard. Because the data are compressed, data files are not accessible without first installing through the wizard. This applies to all CRSP data and software products. InstallShield® works for all three platforms: Windows, Linux, and Sun Solaris.

CHANGES TO FORD MOTOR COMPANY

In 2000, CRSP issued a new PERMNO, 88394, for Ford Motor Company at the time of its reorganization, resulting in the complete time-series for Ford being split under two PERMNOs. CRSP researchers extensively reviewed the handling of Ford and as a result, have decided to combine the two historical data series into one. PERMNO 88394 has been removed from our database and all history for Ford may be found under PERMNO 25875.

Our previous handling of Ford's reorganization terms reflected shareholders' receipt of $20 and one share of Ford (new) in exchange for one share of Ford (old). According to the terms, distributions were prorated. The average shareholder received $5.17 and 0.555 shares of Ford (new) for every share of Ford (old). These changes are also reflected in this July cut of the stock data.

OLD:

PERMNO	CUSIP	PERMCO	COMPNO	ISSUNO	EX	SIC	NAME	DIST	SHARE	DLST	NASD
25785	34537010	20750	0	0	1	3711	3	187	150	1	0

BEGDT - ENDDT	HTICK	DEL	LATEST COMPANY NAME
19560307-20000802		341	FORD MOTOR CO DEL

NAMEDT	ENDDT	CUSIP	TICKER	COMPANY NAME	CLS SH	EX	SIC
19560307	19620701			FORD MOTOR CO	11	1	3710
19620702	19680101		F	FORD MOTOR CO DEL	11	1	3711
19680102	20000802	34537010	F	FORD MOTOR CO DEL	11	1	3711

CODE	DIVAMT	FACPR	FACSHR	DCLRDT	EXDT	RCRDDT	PAYDT	APERM	ACOMP
1232	0.50000	0.0000	0.0000	20000713	20000724	20000726	20000901	0	0
3285	20.00000	-1.0000	-1.0000	0	20000803	20000802	20000802	0	20750
3783	26.48000	-1.0000	-1.0000	0	20000803	20000802	20000802	88394	20750

NEW:

PERMNO	CUSIP	PERMCO	COMPNO	ISSUNO	EX	SIC	NAME	DIST	SHARE	DLST	NASD
25785	34537086	20750	0	0	1	3711	7	183	245	1	0

BEGDT - ENDDT	HTICK	DEL	LATEST COMPANY NAME
19620702-20080731	F	100	FORD MOTOR CO DEL

NAMEDT	ENDDT	CUSIP	TICKER	COMPANY NAME	CLS SH	EX	SIC
19560307	19620701			FORD MOTOR CO	11	1	3710
19620702	19680101		F	FORD MOTOR CO DEL	11	1	3711
19680102	20000802	34537010	F	FORD MOTOR CO DEL	11	1	3711
20000803	20000808	34537086	F	FORD MOTOR CO DEL	11	31	3711
20000809	20010823	34537086	F	FORD MOTOR CO DEL	11	1	3711
20010824	20020101	34537086	F	FORD MOTOR CO DEL	11	1	3711
20020102	20080731	34537086	F	FORD MOTOR CO DEL	11	1	3711

CODE	DIVAMT	FACPR	FACSHR	DCLRDT	EXDT	RCRDDT	PAYDT	APERM	ACOMP
1232	0.50000	0.0000	0.0000	20000713	20000724	20000726	20000901	0	0
3265	5.17000	0.1768	0.0000	0	20000803	20000802	20000802	0	0
5533	0.00000	0.5550	0.5550	0	20000803	20000802	20000802	0	0

JULY 2008 DATA EDITS

PERMNO	COMPANY NAME	END DATE	BEGIN DATE	DESCRIPTION
92634	POWERSHARES E T F TRUST II			Changed permco to 52902 from 52999 throughout entire history
88394	FORD MOTOR CO DEL			Removed all data from the database and added it to permnos 25785 & -25785
87619	MAGNA ENTERTAINMENT CORP	2/23/2000	7/22/2008	Changed share code from 12 to 11 to reflect corrected country of incorporation throughout entire history.
77865	CHINA INSONLINE CORP	10/24/2000	6/30/2008	Added zero nameline from 20001024 to 20080630 to reflect off-exchange activity.
77575	MEDQUIST INC	6/16/2004	7/16/2008	Added zero nameline from 20040616-20080716 to reflect off-exchange activity.
84185	EVER GLORY INTERNATIONAL GRP IN EVK	11/13/1996	7/31/2008	Added zero nameline from 20000316-20080715 to reflect off exchange activity.
85932	YANZHOU COAL MINING CO LTD	5/23/2008	5/23/2008	Changed dividend amount to 6.1815 from 1.22354 on ex-date 20080523
75376	A C M MANAGED INCOME FD INC	8/20/2007	8/21/2007	Changes delist code to 450 from 470 on delist array on 20070820 and added final liquidatiing distribution of $3.88 on ex-date 20070821
81078	COHESANT TECHNOLOGIES INC	2/27/2008	2/27/2008	Added stock distrubtion with distribution code 3853 on ex-date 20080227

FILE VERSION SPECIFICS

This table contains version specific information for the CRSP Stock Files with data ending December 2007. It contains the number of securities and information about the maximums of the event arrays.

FILE CODE	# OF SECURITIES	MAX NAMES	MAX DISTS	MAX SHARES	MAX DELISTS	MAX GROUPS	MAX NASDIN	FIRST PERMNO	LAST PERMNO
DAZ	27319	28	955	563	1	3	2027	10000	93324
MAZ	27814	39	955	563	1	4	2027	10000	93324

CALENDAR	DATE RANGE	DATE INDEX RANGE
Daily trading calendar	19251231-20080731	1-21919
Month-end trading calendar	19251231-20080731	1-992
Year-end trading calendar	19251231-20091231	1-85
Quarter-end trading calendar	19251231-20091231	1-337
Weekly trading calendar	19260102-20080731	1-4309

CRSPACCESS PRODUCT INFORMATION

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

PRODUCT NAME	DATABASE	MEDIA	SIZE	INDICES	PORTFOLIOS	COMPONENTS & DESCRIPTION
CRSP 1925 US Stock with Indices	FIZyyyymm	DVD	3.4 GB	All CRSP indices and portfolio asignments	All portfolios	DI - 1925 Daily US Stock & Indices MI - 1925 Monthly US Stock & Indices IF - CRSP Supplemental US Indices
CRSP 1925 US Stock	FAZyyyymm	DVD	3.0 GB	CRSP NYSE/ AMEX/ NASDAQ Value-weighted Market, CRSP NYSE/ AMEX/ NASDAQ Equal-weighted Market, S&P 500 Composite, NASDAQ Composite	NYSE/ AMEX/ NASDAQ Capitalization Deciles	DA - 1925 Daily US Stock MA - 1925 Monthly US Stock IN - CRSP Limited US Indices
CRSP 1962 US Stock	A6Zyyyymm	DVD	2.6 GB	CRSP NYSE/ AMEX/ NASDAQ Value-weighted Market, CRSP NYSE/ AMEX/ NASDAQ Equal-weighted Market, S&P 500 Composite, NASDAQ Composite	NYSE/ AMEX/ NASDAQ Capitalization Deciles	D6 - 1962 Daily US Stock M6 - 1962 Monthly US Stock IN - CRSP Limited US Indices
CRSP 1962 US Stock with Indices	AXZyyyymm	DVD	3.0 GB	See FIZ	All portfolios	DX - 1962 Daily US Stock & Indices MX - 1962 Monthly US Stock & Indices IF - CRSP Supplemental US Indices
CRSP 1925 US Indices	IFZyyyymm	CD	180 MB			IF - CRSP Supplemental US Indices
CRSP Legacy US Stock with Indices	AIZyyyymm	DVD	3.3 GB		All portfolios	DI - 1962 Daily US Stock & Indices MI - 1925 Monthly US Stock & Indices IN - Supplemental US Indices
CRSP Legacy US Stock	AFZyyyymm	DVD	2.6 GB	See FAZ	NYSE/ AMEX/ NASDAQ Capitalization Deciles	D6 - 1962 Daily US Stock MA - 1925 Monthly US Stock IN - CRSP Limited US Indices
CRSP Legacy Monthly Stock	MAZyyyymm	DVD	369 MB	See AFZ	See FAZ	MA - 1925 Monthly US Stock
Daily & Monthly Treasuries	BAZyyyymm	CD	981 MB			BD - Daily Treasuries BA - Monthly Treasuries

PRODUCT NAME	DATABASE	MEDIA	SIZE	INDICES	PORTFOLIOS	COMPONENTS & DESCRIPTION
Daily Treasuries	BDZyyyymm	CD	902 MB			BD - Daily Treasuries
Monthly Treasuries	BMZyyyymm	CD	78.6 MB			BM - Monthly Treasuries
Mutual Fund Database	MFZyyyymm	DVD	3.21 GB			MF - Mutual Funds
CRSP/Ziman Daily & Monthly REIT	RAZyyyymm	CD	196 MB			RD - Daily REITs RM - Monthly REITs
CRSP/Ziman Monthly REIT	RMZyyyymm	CD	186 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**.
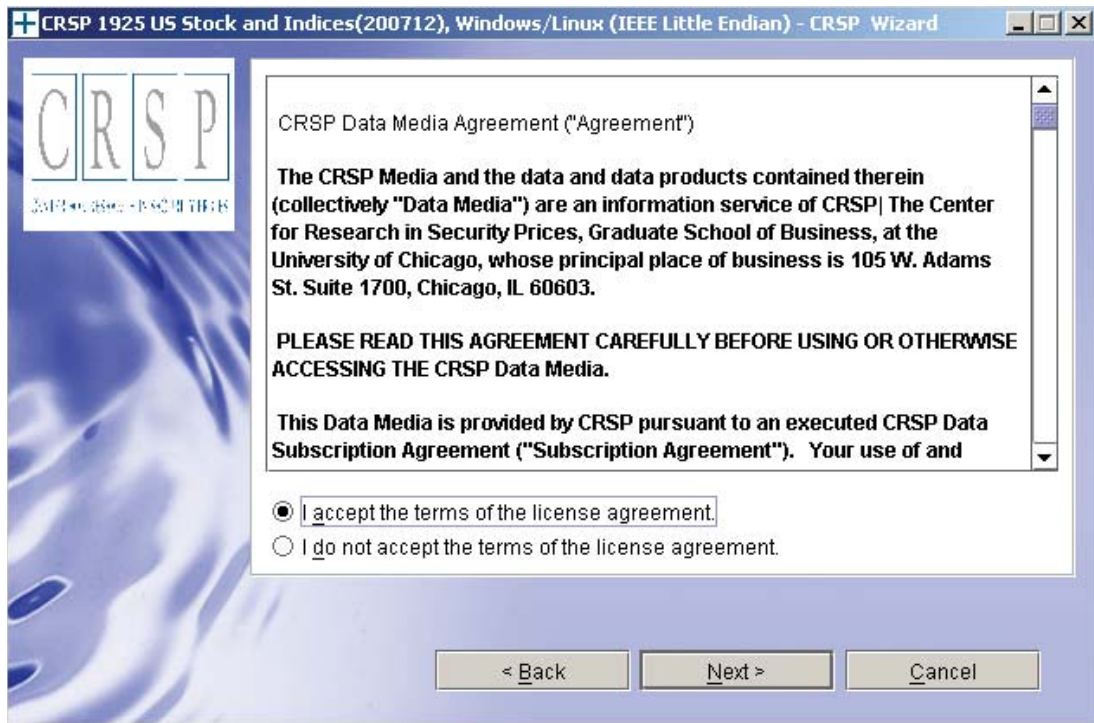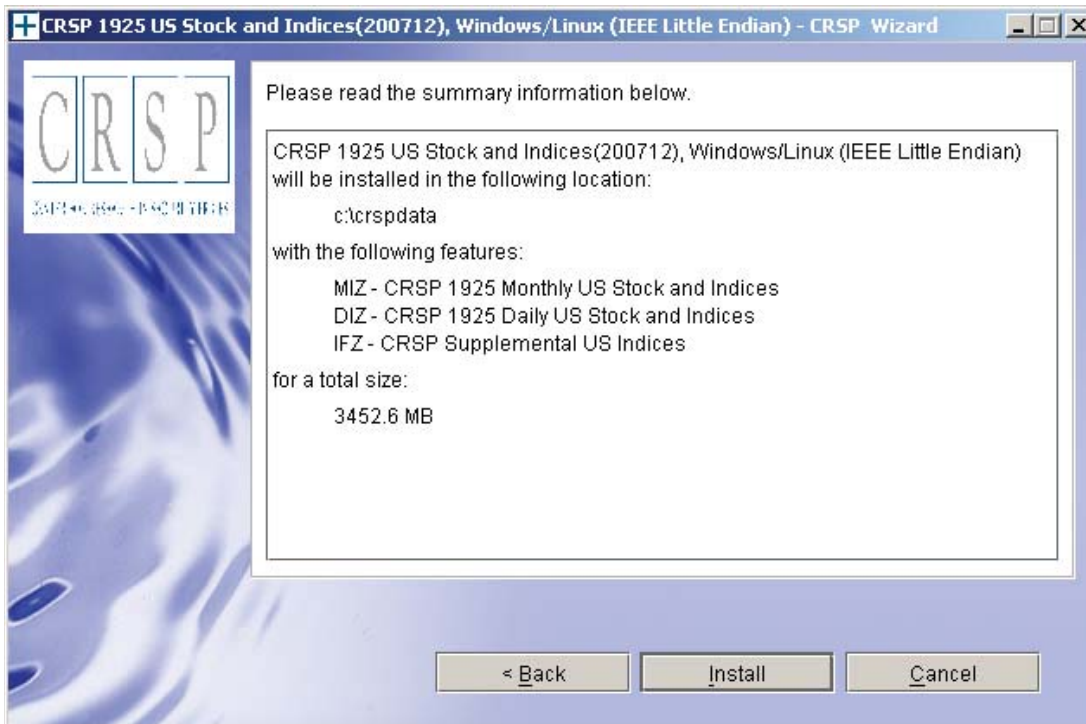
WINDOWS: The default directory for the data installation is `c:\crspdata`. You may accept or modify it. Click Next. Note: InstallShield does not verify available space. Please see the CRSPAccess Product Information chart on page 2 for space required for installation.
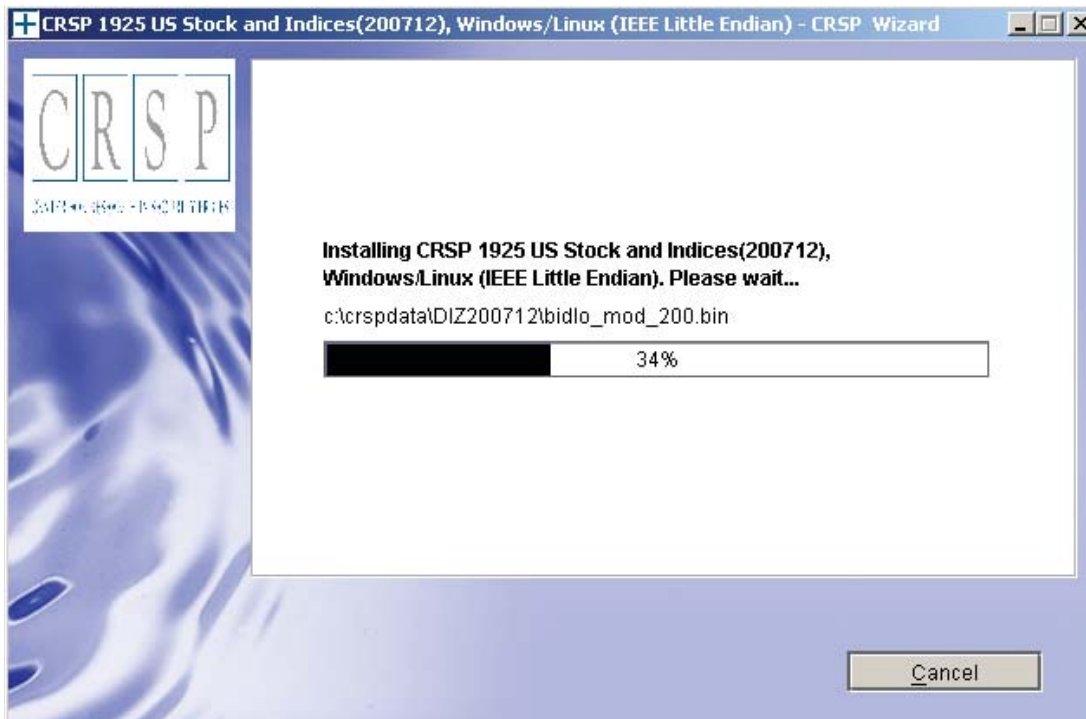
SUN SOLARIS & LINUX: The default directory for the data installation is `/crspdata`. You must have write permisson to the directory you specify, for example, `/home/username/crspdata`. Note: InstallShield does not verify available space. Please see the CRSPAccess Product Information chart on page 2 for space required for installation.
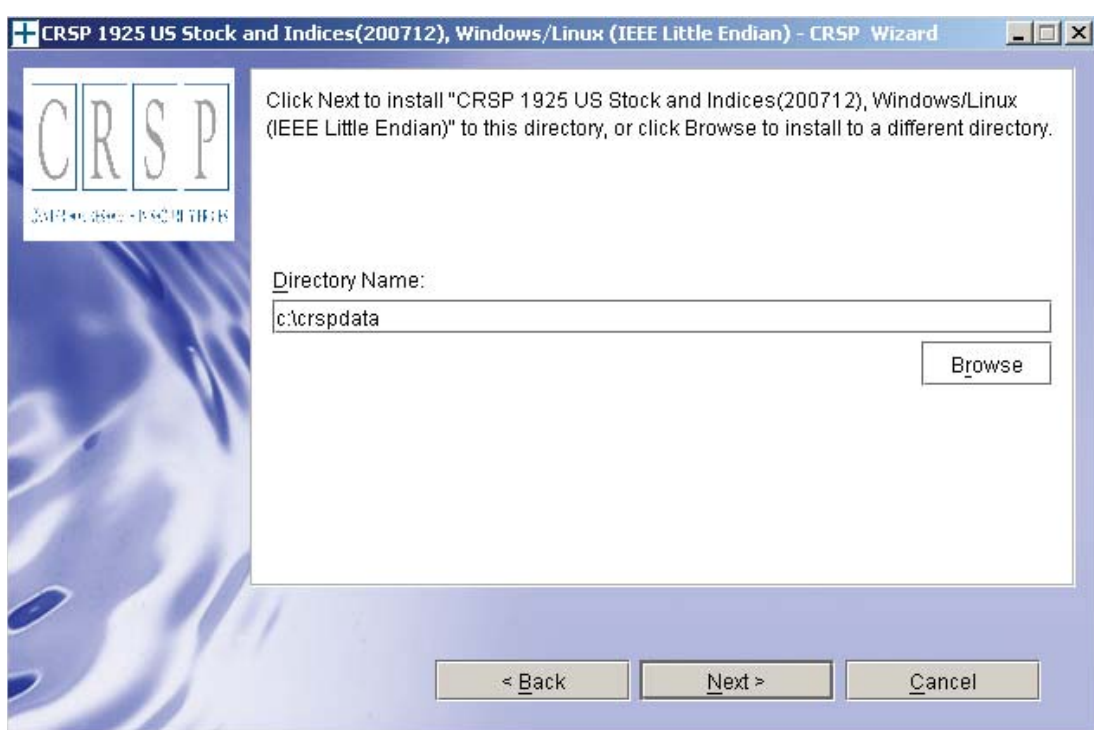
Summary information is displayed: Location, data components and the amount of space that is required for the data. Click on **Install** to proceed.

CRSP 1925 US Stock and Indices(200712), Windows/Linux (IEEE Little Endian) - CRSP Wizard

Please read the summary information below.

CRSP 1925 US Stock and Indices(200712), Windows/Linux (IEEE Little Endian) will be installed in the following location:

    c:\crspdata

with the following features:

    MIZ - CRSP 1925 Monthly US Stock and Indices
    DIZ - CRSP 1925 Daily US Stock and Indices
    IFZ - CRSP Supplemental US Indices

for a total size:

    3452.6 MB

    < Back   Install   Cancel

The screen will display the status of the installation.

CRSP 1925 US Stock and Indices(200712), Windows/Linux (IEEE Little Endian) - CRSP Wizard

Installing CRSP 1925 US Stock and Indices(200712), Windows/Linux (IEEE Little Endian). Please wait...

c:\crspdata\DIZ200712\bidlo_mod_200.bin

34%

Cancel

A message indicating the success of the installation appears when the process is complete. Click **Finish**.
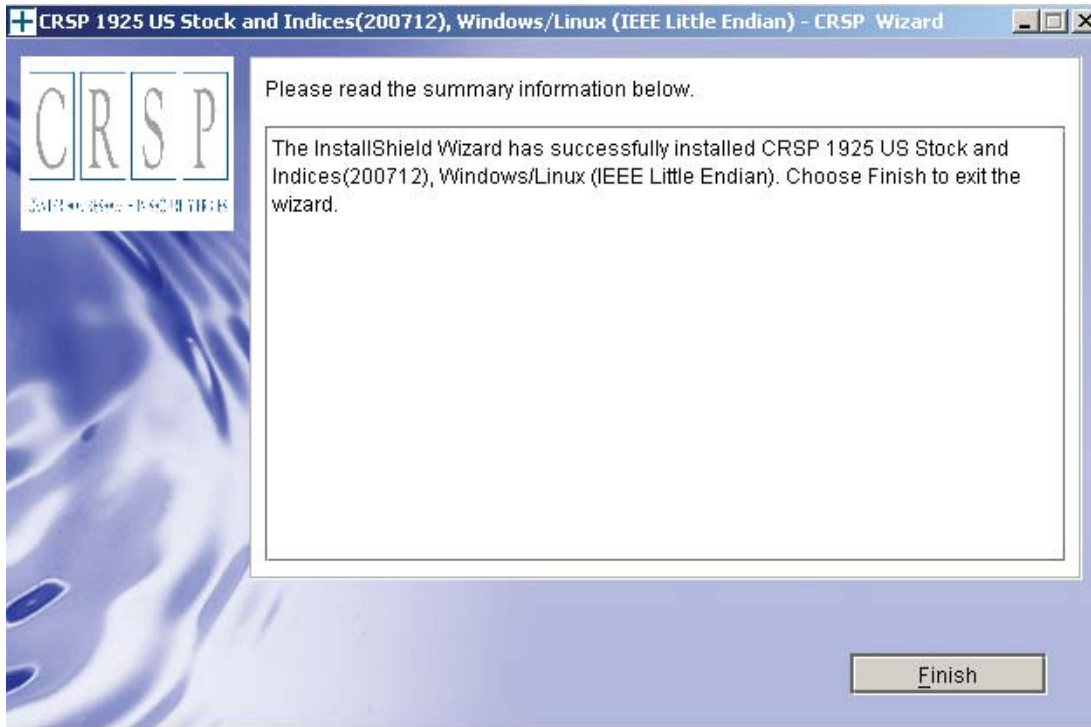
SUN SOLARIS & LINUX:

After clicking Finish, a file named crsp.kshrc must be run to set the local environment variables. At the prompt, type:

```
. ./crsp.kshrc <enter>
```

Note: If you are not using ksh, modifications will be necessary. Check with your Unix administrator.

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, an additional CCM database environment will be displayed for the location of the Compustat data.

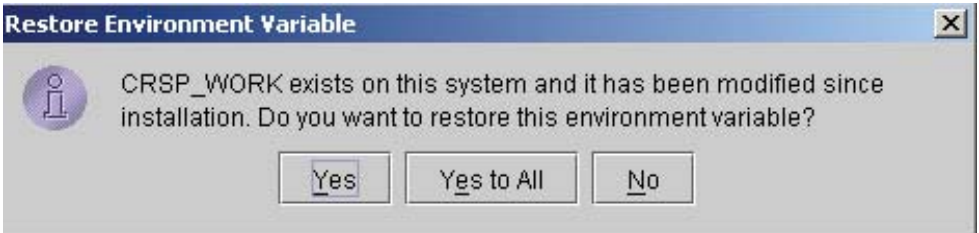## UNINSTALL

For each data install, an uninstall is created on the CRSPAccess menu. Data uninstalls do not touch software environment variables. Likewise, software uninstalls do not touch data environment variables. Each uninstall is done separately. As with the install, the uninstall is wizard-driven. When uninstall is complete, users may be prompted with an option to either reboot the computer or wait until later. It is not necessary to reboot the computer after uninstalling. This reboot message may be disregarded.

Uninstall & CRSP Client Environment

Each time a path is modified in client environment, the action is recorded. Upon running `uninstall`, a *Restore Environment Variable* prompt will appear:

This prompt appears for each variable for each modification. Answer each prompt and continue cycling through. **Yes** is the default, which will restore environment variables back to what they were prior to the install.