STOCK & INDICES RELEASE NOTES | MARCH 2009 MONTHLY UPDATE

These release notes pertain to the March 2009 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.

MARCH 2009 DATA EDITS

GROUP EDITS

DESCRIPTION	BEGIN DATE	END DATE
Researched cases where shares outstanding values reversed themselves over three consecutive dates between 20080101 and 20090131. Shares values and share dates were both changed to correct the erroneous reversals.	20070930	20090130

INDIVIDUAL EDITS

PERMNO	COMPANY NAME	BEGIN DATE	END DATE	DESCRIPTION
85434	AMERSHAM PLC	1997-11-25	1998-07-28	Changed Share outstanding to 2000 from 1 for 19971125-19980526 and to 2000 from 2 for 19980527-19980728
80381	AVALONBAY COMMUNITIES INC			Changed distribution amount from $2.7 to $0.8925 for ex-date 20081224.
91365	CARDIOVASCULAR SYSTEMS INC DEL			Changed org_id to 60068256 from 60060994. Changed issue_id to 63675 from 51927.
92681	CHINA HOUSING & LAND DEVELOP INC			Added SIC code 1520 starting 20090202 and changed SIC code to 7812 from 1520 from 20080516 to 20090201
47079	CITICORP	1998-09-30	1998-10-07	Updated shares outstanding from 506298 to 452715 for the time period 19980930-19981007.
84660	EMBOTELLADORA ANDINA S A	2006-05-24	2006-05-24	Removed distribution of $0.10928 on 5/24/06
91828	FIRST TRUST EXCHANGE TRADED FUND	2007-08-22	2007-08-22	Changed closing price to 20.92 from -21.135, high price to 21.59 from 21.15, low price to 20.83 from 21.12, volume to 3250 from 0, bid to 20.90 from 21.12, ask to 20.94 from 21.15 and open to 21.59 from 0 on 20070822
82702	IMPAX LABORATORIES INC	2005-08-08	2009-03-15	Added zero nameline from 20050808 to 20090315 to reflect off-exchange activity.
82191	LOUD TECHNOLOGIES INC	2009-02-05	2009-02-05	Added zero nameline on 20090205 to reflect off-exchange activity.
82831	NEOPHARM INC	2009-02-04	2009-02-05	Added zero nameline from 20090204 to 20090205 to reflect off-exchange activity.
79033	SAGA COMMUNICATIONS INC	2009-02-06	2009-02-10	Changed closing price to 4.05 from 4.0501 on 20090206 and high price to 4.06 from 4.0601 on 20090210
87814	SELECTICA INC DEL	2009-02-04	2009-02-04	Added bid of 0.47 and ask of 0.48 on 20090204
92316	TARGANTA THERAPEUTICS CORP	2009-02-25	2009-02-26	Changed delist code from 233 to 261 and added delisting distribution with distribution code of 3888 on ex-date of 2/26/09

PERMNO	COMPANY NAME	BEGIN DATE	END DATE	DESCRIPTION
14816	TOOTSIE ROLL INDS INC	2009-02-24	2009-02-24	Changed dividend amount to 0.08 from 0.0777 for cash dividend on ex-date of 20090224
91279	TRANSCEPT PHARMACEUTICALS INC			Changed org_id to 60068068 from 60060659. Changed issue_id to 63135 from 51472.

FILE VERSION SPECIFICS

This table contains version specific information for the CRSP Stock Files with data ending March 2009. 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	27972	39	1040	563	1	4	2086	10000	93324
MAZ	27942	39	1040	563	1	4	2086	10000	93324

CALENDAR	DATE RANGE	DATE INDEX RANGE
Daily trading calendar	19251231-20090331	1-22086
Month-end trading calendar	19251231-20090331	1-1000
Year-end trading calendar	19251231-20101231	1-86
Quarter-end trading calendar	19251231-20101231	1-341
Weekly trading calendar	19260102-20090331	1-4344

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	2.7 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	2.9 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	111 MB			IF - CRSP Supplemental US Indices
Daily & Monthly Treasuries	BAZyyyymm	CD	981 MB			BD - Daily Treasuries BA - Monthly Treasuries
Daily Treasuries	BDZyyyymm	CD	902 MB			BD - Daily Treasuries

PRODUCT NAME	DATABASE	MEDIA	SIZE	INDICES	PORTFOLIOS	COMPONENTS & DESCRIPTION
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**.
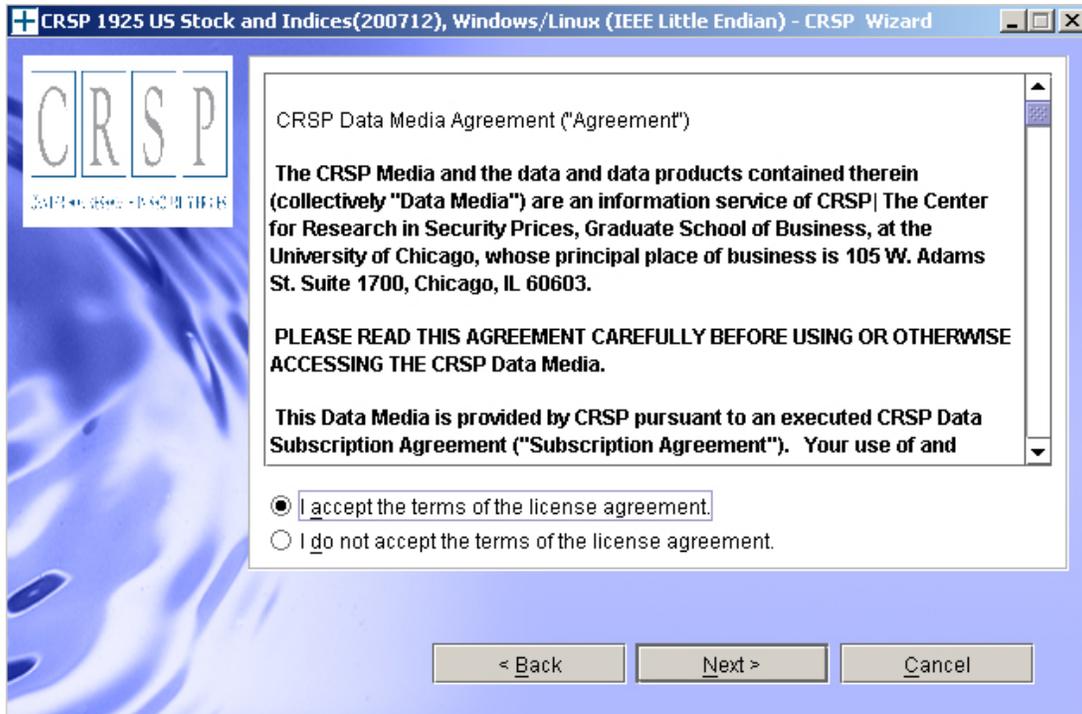
WINDOWS: The default directory for the data installation is `c:\crspdata`. You may accept or modify it. Click Next. Note: InstallShield does not verify available space. Please see the CRSPAccess Product Information chart on page 2 for space required for installation.

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.
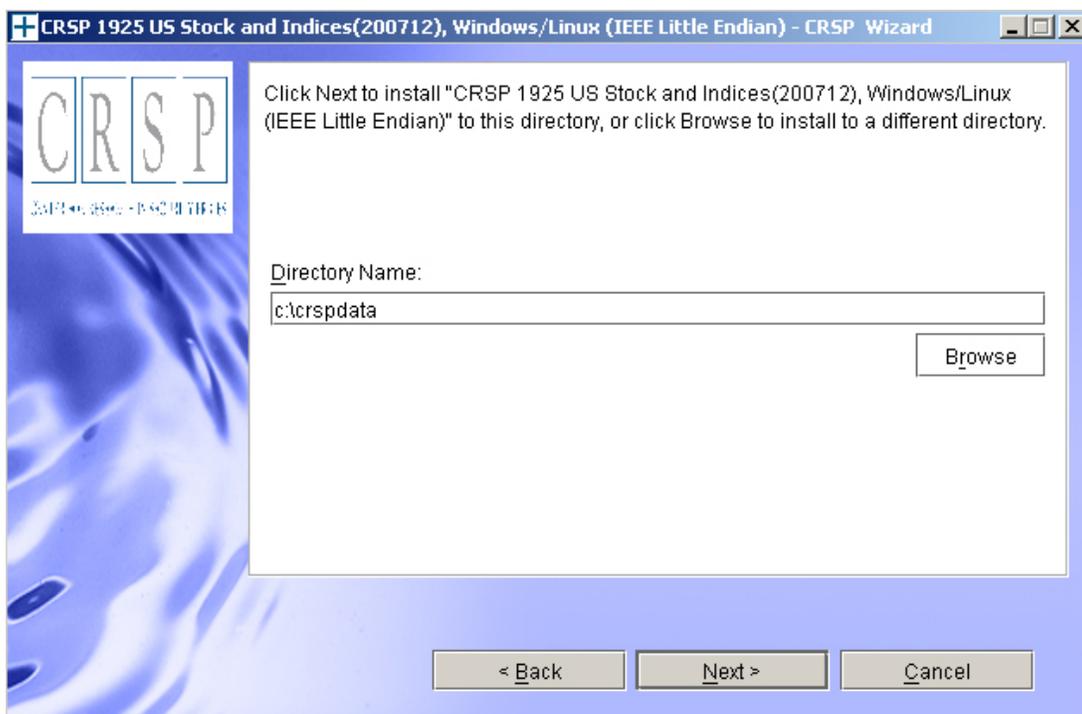
Summary information is displayed: Location, data components and the amount of space that is required for the data. Click on **Install** to proceed.
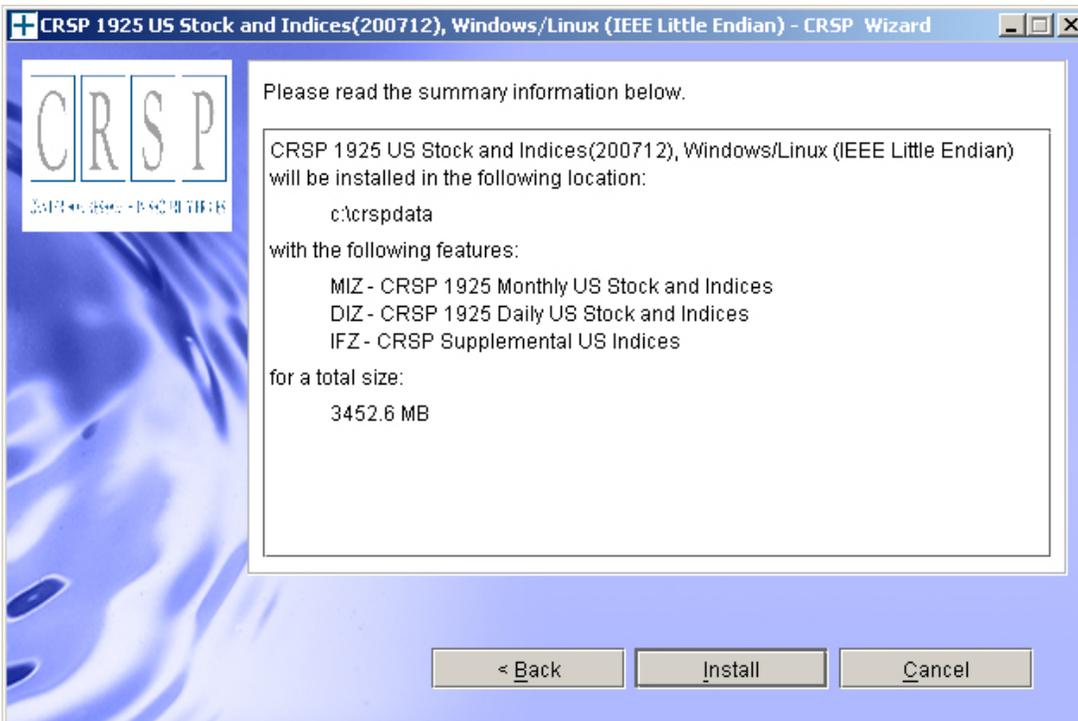
The screen will display the status of the installation.
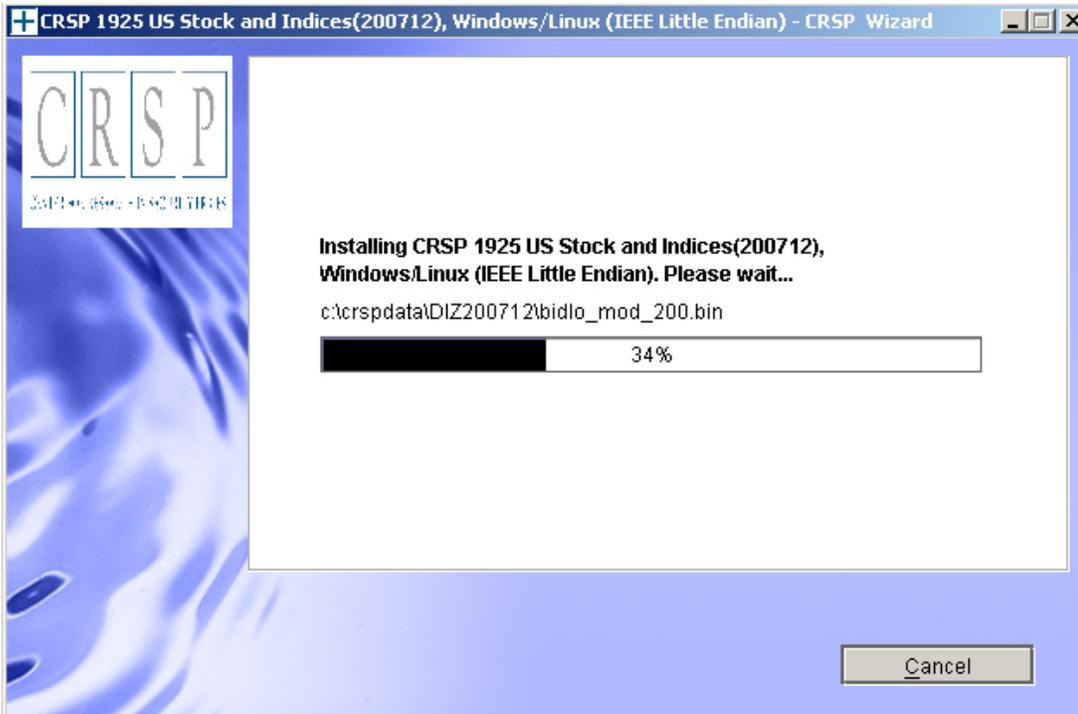
A message indicating the success of the installation appears when the process is complete. Click **Finish**.
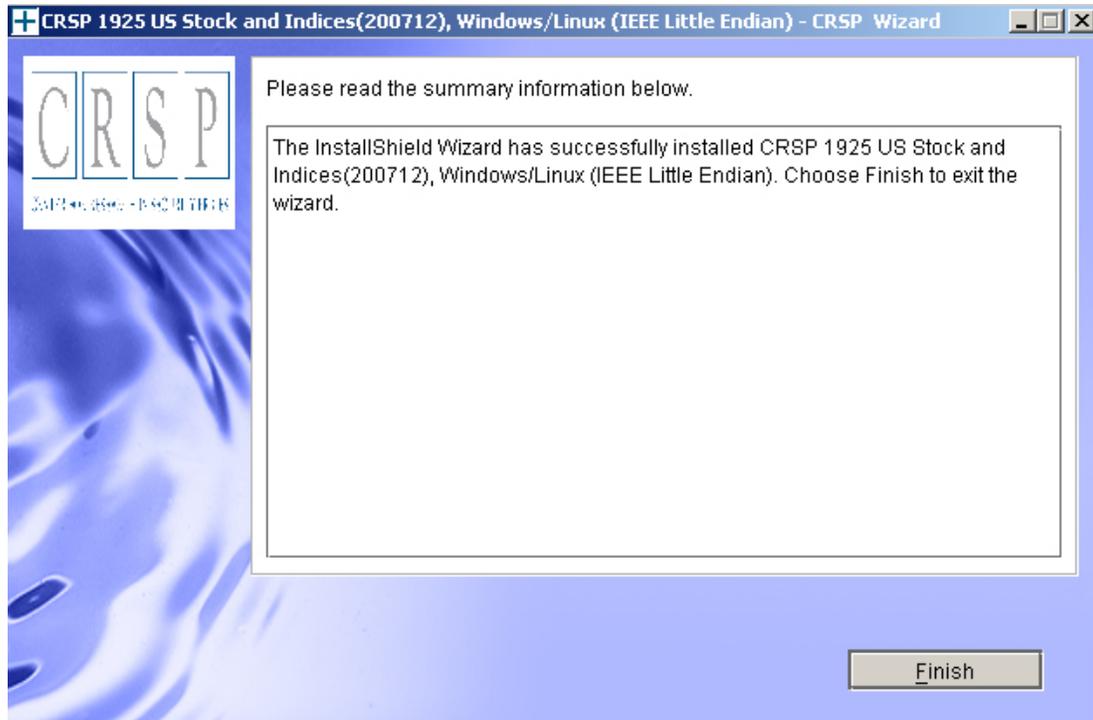
SUN SOLARIS & LINUX:

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.
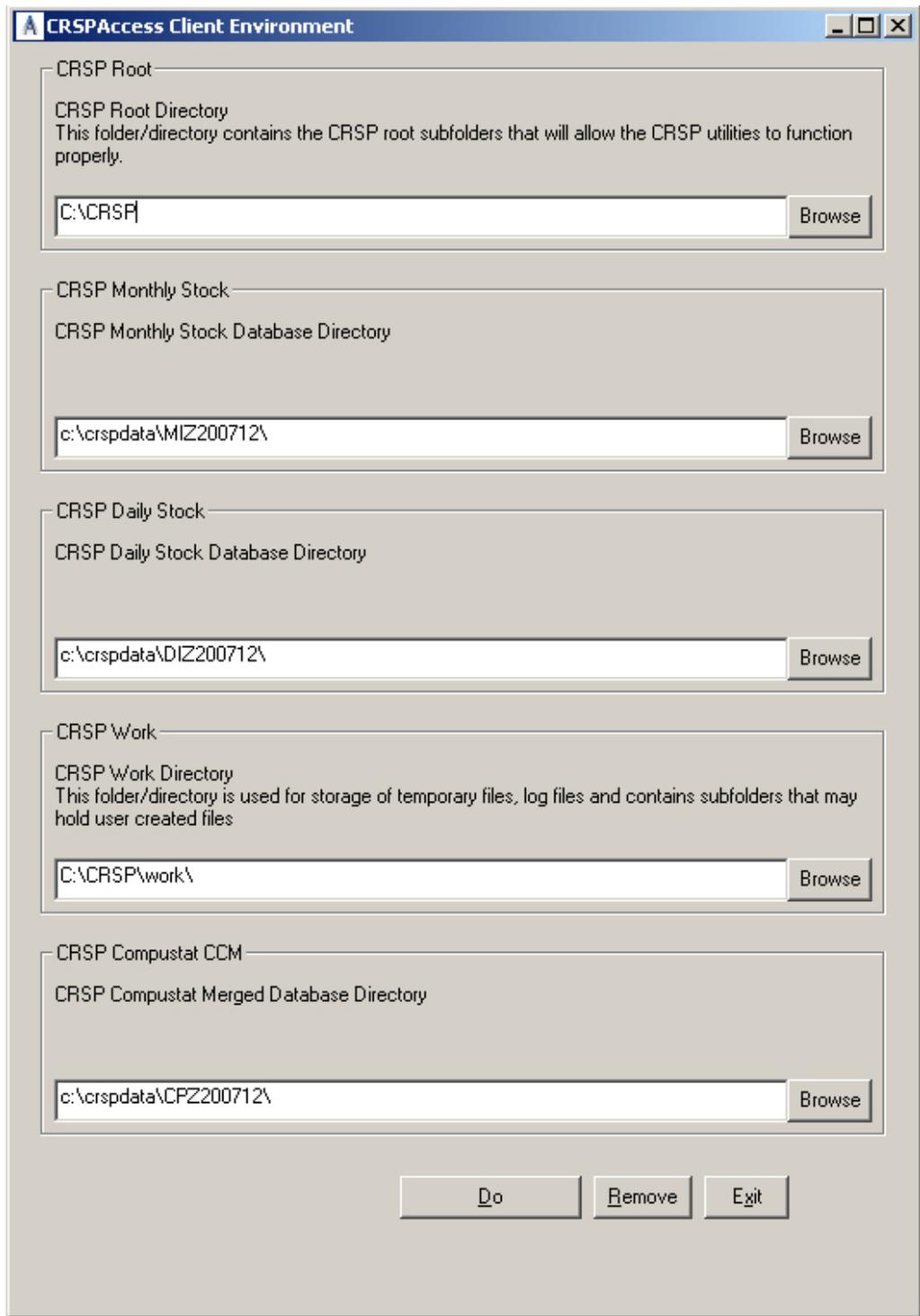
UNINSTALL

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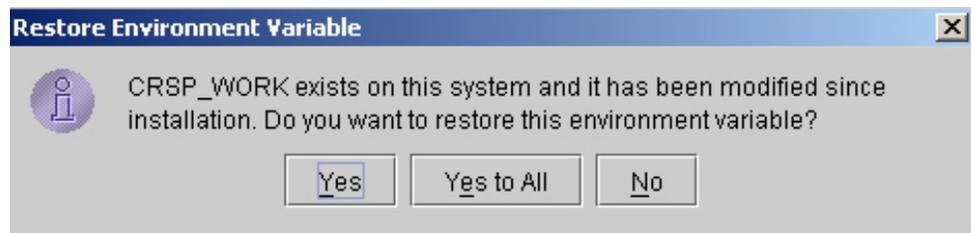
This prompt appears for each variable for each modification. Answer each prompt and continue cycling through. **Yes** is the default, which will restore environment variables back to what they were prior to the install.