

These release notes pertain to the April 2010 Monthly release of the CRSP US Stock and Indices databases.

NEW INSTALLATION PROGRAM

The stock databases are shipped this month with an upgraded installation package. For Windows subscribers, the screens will have a new look, but the process and outcome will be the same as with previous installs.

Linux and Solaris users should note a change in how the environment variables are set. Prior installs set environment variables at the session or process-level and program aliases by running `crsp.kshrc`.

New installs will do the following:

- If the install is run by a non-administrator, the environment variables will be set at the user level, and will be automatically set for this user at all times.
- If the install is run by an administrator, the environment variables will be set at the system level and available to all users on the system.
- Running the `crsp.kshrc` file now only sets up session level alias values.
- Environment variables will always be set to the latest data installation values as they are overwritten by each new data installation.

If you wish to change the environment variables, a shell script, `crsp_setup.sh`, can be run to create a “`mycrsp.kshrc`” file that will set environment variables at the session level. More details about the shell script are included in the “Data Installation” section of these notes.

DATA EDITS

GROUP EDITS

BEGIN DATE	END DATE	DESCRIPTION
20090604	20100331	Changed PERMCOs to 50846 from 53172 for 24 PERMNOs. PERMCOs were changed to be consistent with CRSP identifier rules.

INDIVIDUAL EDITS

PERMNO	COMPANY NAME	BEGIN DATE	END DATE	DESCRIPTION
19553	AMOCO CORP	19850424	19980802	Changed SIC code to 1311 from 6711 for 19850424-19980802
65883	BELLSOUTH CORP	19861201	20010823	Changed SIC code to 4811 from 6711 for 19861201-19880531 and to 4813 from 6711 for 19880601-20010823
75045	CINEPLEX ODEON CORP	19910905	19910905	Changed distribution code to 4563 from 4533, dividend amount to .08929 from .0125, price factor to .0246 from .0345 and share factor to 0 from .7143 for the rights distribution on ex-date 19910905

PERMNO	COMPANY NAME	BEGIN DATE	END DATE	DESCRIPTION
87024	CITY BANK LYNNWOOD WASHINGTON			Name change to CITY BANK LYNNWOOD WASHINGTON from CITYBANK LYNNWOOD WASHINGTON throughout entire history
12012	EAGLE BANCORP INC DEL			Changed issuno to 9995046 from 70079386 and compno to 9995036 from 70069833 throughout entire history
79767	ENERSIS S A	20090914	20090914	Removed distribution with ex-date of 20090914
21004	G T E CORP	19861201	20000630	Changed SIC code to 2741 from 6711 for 19861201-19890831, to 4899 from 6711 for 19890901-19921130, to 2741 from 6711 for 19921201-19931130 and to 4813 from 6711 for 19931201-20000630
86942	GABELLI UTILITY TRUST	20020520	20020520	Changed distribution code to 4523 from 1222, dividend amount to 0.47 from 1.00 and added acquiring PERMNO & PERMCO of 95478 & 35159 for distribution with ex-date of 20020520
40970	H K N INC	20030211	20030211	Changed distribution code to 4563 from 4553, dividend amount to .119673 from .15642 and price factor to .6299 from .8233 for the rights distribution on ex-date 20030211
32897	HANOVER DIRECT INC	19920731	19920731	Changed distribution code to 4523 from 4533, share factor to 0 from .9469 and added acquiring PERMNO and acquiring PERMCO of 95257 & 20933, respectively, for the rights distribution on ex-date 19920731
77897	ISLE OF CAPRI CASINOS INC	19960315	19960315	Changed dividend amount to .0319 from .03125 and price factor to .0053 from .0052 for the rights distribution on ex-date 19960315
90840	MAN SANG INTERNATIONAL BVI LTD	20090826	20100430	Ticker & tsymbol change to MHJ from BVI for 20090826-present
89242	NUVEEN NC DIV ADV MUNI FUND 2			Name change to NUVEEN NC DIV ADV MUNI FUND 2 from NUVEEN N C DIVIDEND ADV FUND throughout entire history
84581	PERNIX THERAPEUTICS HLDGS INC	20020102	20100309	Changed sharecode from 18 to 11 for the period 1/2/2002-3/9/2010.
93253	PIMCO ETF TRUST	20100226	20100331	Changed distribution code to 1223 from 1222 on ex dates 20100226 and 20100331.
14218	R J R NABISCO INC	19880901	19890428	Changed SIC code to 2024 from 6711 for 19880901-19890428
35967	RIO GRANDE VALLEY GAS CO			Name change to RIO GRANDE VALLEY GAS CO from RIO GRANDE VALLEY GAS throughout entire history
18761	SALOMON BROTHERS FUND INC	20000619	20000619	Changed dividend amount to .00225 from 1.70, price factor to .0001 from .0982 and added pay date of 20000522 for the rights distribution on ex-date 20000619
88236	SEMICONDUCTOR HOLDRS TRUST	20100318	20100318	Changed distribution code to 1212 from 1222 on ex date 20100318.
86376	SWISSCOM	20050428	20070424	Changed distribution code to 1252 from 1212 on ex date 20050428 and to 1252 from 1242 on ex date 20070424.
86376	SWISSCOM	20060920	20060920	Changed distribution code to 1272 from 1252 on ex date 20060920
93180	SWISSCOM	20091229	20100331	Changed dist code to 1223 from 1212 on ex date 20091229, to 1223 from 1252 on 20100129, to 1223 from 1252 on 20100226, and to 1223 from 1222 on 20100331.
48725	UNION PACIFIC CORP	19861201	19940531	Changed SIC code to 1081 from 6711 for 19861201-19940531
88317	UTILITIES HOLDRS TRUST	20100329	20100329	Changed distribution code to 1212 from 1222 for ex date 20100329.
90657	VERIFONE HOLDINGS INC	20100309	20100309	Changed high price to 23.16 from 91.75 on 20100309

FILE VERSION SPECIFICS

This table contains version specific information for the CRSP Stock Files with data ending April 2010. 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	28401	39	1173	750	1	4	2143	10000	93368
MAZ	28371	39	1173	750	1	4	2143	10000	93368

CALENDAR	DATE RANGE	DATE INDEX RANGE
Daily trading calendar	19251231-20100430	1-22359
Month-end trading calendar	19251231-20100430	1-1013
Year-end trading calendar	19251231-20111230	1-87
Quarter-end trading calendar	19251231-20111230	1-345
Weekly trading calendar	19260102-20100430	1-4400

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	FIZyyyyymm	DVD	3.5 GB	All CRSP indices and portfolio assignments	All portfolios	DI - 1925 Daily US Stock & Indices MI - 1925 Monthly US Stock & Indices IF - CRSP Supplemental US Indices
CRSP 1925 US Stock	FAZyyyyymm	DVD	3.2 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	A6Zyyyyymm	DVD	2.8 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	AXZyyyyymm	DVD	3.1 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	IFZyyyyymm	DVD	113 MB			IF - CRSP Supplemental US Indices
Daily & Monthly Treasuries	TRZyyyyymm	DVD	142 MB			TRZ - Daily and Monthly Treasuries
Daily Treasuries	BDZyyyyymm	DVD	980 MB			BD - Daily Treasuries
Monthly Treasuries	BMZyyyyymm	DVD	91.4 MB			BM - Monthly Treasuries
Mutual Fund Database	MFZyyyyymm	DVD	4.7 GB			MF - Mutual Funds
CRSP/Ziman Daily & Monthly REIT	RAZyyyyymm	DVD	170 MB			RD - Daily REITs RM - Monthly REITs
CRSP/Ziman Monthly REIT	RMZyyyyymm	DVD	8 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**.

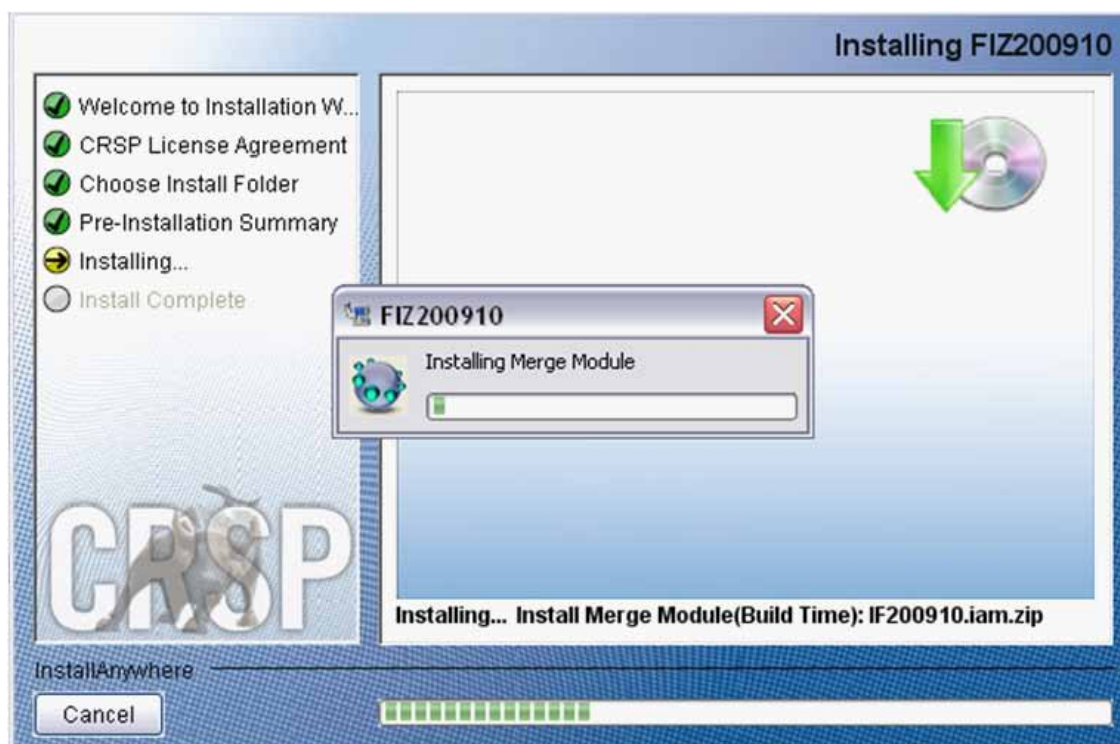
SUN SOLARIS & LINUX: The default directory for the data installation is `/crspdata`. You must have write permission to the directory you specify, for example, `/home/username/crspdata`.



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 **Finish**.



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
```

- 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 Indices Database will be displayed as FIZ200910. Highlight your selection, click on the Change/Remove button and follow the prompts.