

## IRIS 7.29 Release Notes

These notes cover changes made in IRIS since release 7.28 of 22 March 2002. If you are upgrading from an earlier release, please read those notes also.

### Bug Repairs

1. Fixed a bug in remote launching of **setup** from **irisnet**. It would fail to read the remote system's setup configuration files if there was an error in the remote system. Examples of these errors are a missing .profile file in the home directory, or a remote system with IRIS not installed. In this case you would get a popup message similar to:  
**"Setup file converted from to 7.28"**  
All setup information would be erased if you saved after getting that message. The applies to IRIS versions 7.25, 7.25.6, 7.26, 7.27 and 7.28. This error is similar to the bug #4. repaired in release 7.27.
2. The DWELL product was producing the wrong display of the contrast area when run on velocity input data.
3. Repaired a problem in 7.27.2 and 7.28 which required enlarging the kernel parameter shmmax to greater than 40 MB on all systems. A large shmmax will still be required on systems which are configured to have very large product or archive inventories.

### New Features

1. The DWELL product can now run the contrastor separately on each elevation's PPIs.
2. The DWELL bird detection algorithm now support a maximum size for a bird flock.