

DTE SOLUTIONS

The Down To Earth Software Information Newsletter

Windows Vista® & DTE

Many may already know that Vista Operating System is the most prominent new OS on the market today. What you might not know is that it is quite different than previous Windows releases and requires special software upgrades to run correctly. Down To Earth is no exception.


The below chart and notations give you a picture of the SynergyDE and DTE software versions and OS supported.

| | ~~~~ SynergeDE version ~~~~ | | | | |
|-----------------|-----------------------------|-------|-------|-------|-------|
| | 9.1.5 | 9.1.3 | 9.1.1 | 8.3.1 | 8.1.7 |
| Win 2008 Server | X | X | | | |
| Win Vista | X | X | X | | |
| Win 2003 Server | X | X | X | X | X |
| Win XP | X | X | X | X | X |
| Win 2000 | X | X | X | X | X |
| Win Me | | | | | X |
| Win 98 | | | | | X |
| Win 95 | ~~~~ Not supported ~~~~ | | | | |

| | | | | | |
|----------|---|---|---|---|---|
| DTE v7.0 | X | X | X | X | X |
| DTE v3.5 | X | X | X | X | X |

X = (blue) Requires DTE update

- ✓ Any 2008 Server requires SynergyDE v9
- ✓ Any Vista client accessing a Windows server via an internal network, requires SynergyDE v9
- ✓ Any Vista client accessing a Windows server via Remote Desktop, does **NOT** require SynergyDE v9
- ✓ Any Vista client accessing a VMS/VAX or UNIX server, does **NOT** require SynergyDE V9

If you're considering new hardware, it will include Vista. Contact DTE Technical support for more detailed information. If you're not sure what DTE or SynergyDE version you have, it's easy to find out – See "What is your version?" on page 2 of this newsletter. 

Helpful Hints


Find within a Find

One of the many new features of Down To Earth v7 is the added ability to find almost any value, within a displayed search results window.

The "Locate record" and "Find" shortcuts can sometimes display very long lists of resulting data. Both the Windows and Non-Windows environments include control-key sequences to search for a value within the results window.

- Windows - **Ctrl-f** within the 'results' window, **Ctrl-n** next find, and **Ctrl-d** change direction
- Non-Windows - **Ctrl-g** within the 'results' window, **Ctrl-n** next find, and **Ctrl-d** change direction

As an example, you know a vendor name includes "ski" but can't remember the first part of the name. Display a list of all vendors then use the 'Find within a Find' feature to find all occurrences of the value *ski*.

Don't forget that you can change the direction, disable case sensitivity, or do a partial lookup of any value. If it is displayed in the window, you can search for it! 



Web-links

www.datvsn.com
www.datvsn.com/d2esupport



DTE Technical Support:

7:00am - 5:00pm PST
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Frequently Used Geek Terms

Upload, Download, Bits, & Bytes

Data storage and transfer, you know it happens all the time, but how. Data transfers back and forth between machines as uploads and downloads. The size of the file (bits & bytes) and how fast the data moves depends on...

Bits and Bytes

A **bit**, short for **binary digit**, is the smallest unit of measurement for data storage. There are eight bits in one **byte**. (To help remember which is the smallest unit, the smaller word is the smaller unit of measure.) Just as with a teaspoon (t) and Tablespoon (T), a lower case “b” represents bits and an upper case “B” specifies bytes.

Computer data structure is based on the binary system -- ones and zeros. The ones and zeros are in strings of 8 bits (1 byte) to form each character. The capital letter “A” is expressed in binary as **01000001**. A small case “a” is represented as **01100001**.

- 8 bits = 1 byte = 1 character
- 1024 bits = 1 kilobit
- 1024 bytes = 1 kilobyte = 8 kilobits
- 1024 kilobytes = 1 megabyte = 8,192 kilobits

Uploads and Downloads

Uploads usually mean moving data from a small to a large system -- uploading files from a cell phone to a personal computer. **Downloads** go the other way, from large to small. Anyone using e-mail uploads and downloads all the time -- e-mail is downloaded from a server while replies are uploaded to be sent out.

Then there is the speed. An example of data transfer speed in terms of kbps (kilobits per second) is the standard dial-up modem. At 56 kbps it is the least expensive, albeit the slowest, method of transferring data back and forth.

| Kbps | KB/sec | Mbps | MB/sec | |
|-------|--------|------|--------|--------------|
| 56 | 6 | | | Dial-Up |
| 384 | 48 | | | (8x faster) |
| 768 | 96 | | | (16x faster) |
| 1,500 | 187.5 | 1.5 | | (27x faster) |
| 3,000 | 375 | 2.9 | 0.36 | (54x faster) |

High-speed services might include DSL, cable, and satellite. Generally, the faster the transfer speed, the higher the monthly charge. How fast is your internet connection? See for yourself at

www.speedtest.net

WHAT'S YOUR VERSION?

It's good to know what version you have installed in today's ever changing world. Not all software versions work on all hardware. To find out what SynergyDE and DTE versions you have, keep reading...

SYNERGYDE VERSION:

Windows Environments:

- Left-click on the **Start** button, select **Run**.
- Type **dbf** in the **Open** field prompt.
- A window displays the Synergy Runtime Version number in the colored bar at the top.

Non-Windows environments:

- Login to your system with the d2ev3 login you created when DTE was first installed. This login should set all required logicals.
- With logicals set, type: **dbf <Ret> <Ret>**
- The DBL runtime version is displayed.

For a complete table of all SynergyDE versions and OS, visit the Synergex web-site at

www.synergex.com/solutions/synergy/curreversplat.asp

DTE VERSION:

The current Down To Earth v7 is easily identified. However, prior versions are not visible from within the DTE menu.

Windows Environments – v7:

- DTE v7 displays both SynergyDE and DTE versions by clicking on the “About” icon, upper right corner.



Non-Windows Environments – v7:

- While on the main DTE menu bar (where you select the applications), use your Help shortcut to display the version series.

Any Environment – v3.5 and prior:

- Log into DTE and choose “System Manager” from the Miscellaneous menu column of the Main menu.
- Choose “File characteristics” from the SM Maintenance menu column.
- Choose **GL** for the application and enter **glweek.ism** for the **Filename** field. The window displays the **Record length** field to compare with the below information.

| DTE version | Record length |
|-------------|---------------|
| DTE v3.5 | 1304 |
| DTE v3.4.1 | 1090 |
| DTE v3.4 | 1070 |

Still not sure, contact Technical Support for assistance, any time during normal business hours.

