

DataEase Limits

| | DFD 4.53 | DFD 5.x | DFD 5.18 | DFW 6.x | DFW 6.52 | Comments |
|----------------------------|----------|---------|----------|---------|----------|---|
| Open Relationships Default | 100 | 100 | 250 | 100 | 249 | DFD uses 4 for system relationships, DFW 5. The physical maximum is 255 in both products. |
| Open Relationships Max | 100 | 250 | 250 | 100 | 249 | Requires edit of zterm file to adjust in DFD 5.x |

Note - in versions prior to the latest of DFD and DFW there were various sub-limits such as 40 relationships in a report in DFD.

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|----------------------------------|--|---------|----------|----------|----------|--|
| Fields in a table | 255 | 255 | 255 | 255 | 255 | Includes pseudo-tables' such as current, temp, global etc. |
| Characters in a field | 255 | 255 | 255 | 255 | 255 | |
| Tables per Application | 1000 | 2000 | 2000 | 1000 | 1000 | |
| Forms per application | 1000 | 2000 | 2000 | N/A | N/A | |
| Reports per application | 1000 | 2000 | 2000 | N/A | N/A | QBE + DQL's |
| Menus per application | 99 | 99 | 99 | N/A | N/A | |
| Documents per application | N/A | N/A | N/A | No limit | No limit | Forms, reports, menus etc are all Documents in DFW and I cannot identify an actual limit. |
| Records per form | Network dependant. 8,000,000 -> 16,000,000 | | | | | Depends on maximum locks permitted on network in use. Calculation is approximately = no of records * max no of users = max no of locks. |
| Characters per record | 4000 | 4000 | 4000 | 65535 | 65535 | |
| Indices per form | 254 | 254 | 254 | 255 | 255 | |
| Open files | 100 | 255 | 255 | 255 | 512 | |
| Screen pages per form | 16 | 40 | 40 | N/A | N/A | |
| Arguments to concat statement | N/A | N/A | N/A | 16 | 32 | |
| Maximum file size | ? | 2gB | 2gB | 2gB | 2gB | |
| Maximum users (MS-Net) | 128 | 128 | 128 | 128 | 128 | |
| Max CDF's | 255 | 1024 | 900 | 255 | 1280 | |
| Max CDF arguments | ? | 10 | 10 | 10 | 10 | |
| Maximum subforms | ? | 32 | 32 | 9*9 | 9*9 | DFW supports a matrix of subforms 9 per form nested 9 deep. Note that in DFW, groups and ad-hoc relationships are treated identically to subforms. |
| Max nesting level of DQL stments | 9 | 9 | 9 | 9 | 9 | |
| Choices in a choice list | 99 | 99 | 99 | 99 | 99 | Also affects some display lists etc. |
| Choices in a choice field | 99 | 255 | 255 | 255 | 255 | Some contradiction here! |

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| Max digits for rounding | 15 | 14 | 14 | 14 | 14 | MS say 15 digits of accuracy - but that does not mean after a calculation and rounding IS a calculation! |
| Max text index size | ? | 115 | 115 | 115 | 115 | Use FastText indexes if field size larger than this |
| Max multicol index size | N/A | 495 | 495 | N/A | N/A | Multicol indices will be added to DE7 |
| Max. num str length | 40 | 40 | 40 | 255 | 255 | |
| Maximum name length | 20 | 20 | 20 | 20 | 20 | In places only 19 are permitted - this is an error, but we should increase this limit anyway. |
| Max Path Len | 40 | 128 | 128 | 128 | 128 | |
| Max DDE transfer | N/A | N/A | N/A | 65000 | 65000 | |
| Max lines in a DQL | N/A | N/A | N/A | 1000 | 1000 | |
| Max chars in a DQL | 40k | 40k | 40k | 40970 | 40970 | |
| "Other Strings' chars per Form | 32k | 32k | 32k | 32k | 32k | DE7 will have 64k |
| Max entries in choice table | 255 | 255 | 32767 | 255 | 255 | There is one entry for each choice field and one for each field with a formula (derivation and/or range check) |