

Types and Constants

Defined Types

Access Exceptions

```
typedef enum _DBAccessErrors {  
    DB_UnimplementedException = DB_ERROR_BASE,  
    DB_CoercionException,  
    DB_FormatException,  
    DB_CursorException,  
    DB_CommitException  
} DBExceptions;
```

Failure Codes

```
typedef enum {  
    DB_ReasonUnknown = 0,  
    DB_RecordBusy,  
    DB_RecordStreamNotReady,  
    DB_RecordHasChanged,  
    DB_RecordLimitReached,  
    DB_NoRecordKey,  
    DB_RecordKeyNotUnique,  
    DB_NoAdaptor,  
    DB_AdaptorError,  
    DB_TransactionError  
} DBFailureCode;
```

Failure Responses

```
typedef enum {  
    DB_NotHandled = 0,  
    DB_Abort,  
    DB_Continue  
} DBFailureResponse;
```

Image Style

```
typedef enum {  
    DB_ImageNoFrame = 0,  
    DB_ImagePhoto,  
    DB_ImageGrayBezel,  
    DB_ImageGroove  
} DBImageStyle;
```

Order of Retrieved Records

```
typedef enum {
```

```
        DB_NoOrder = 0
        DB_AscendingOrder,
        DB_DescendingOrder
    } DBRetrieveOrder;
```

Retrieval Mode of a Record List

```
typedef enum _DBRecordListMode {
    DB_SynchronousStrategy,
    DB_BackgroundStrategy,
    DB_BackgroundNoBlockingStrategy,
} DBRecordListRetrieveMode;
```

Selection Mode in a DBTableView

```
typedef enum {
    DB_RADIOMODE = 0,
    DB_LISTMODE = 2,
    DB_NOSELECT = 5
} DBSelectionMode
```

Status of Record Retrieval

```
typedef enum _DBRecordRetrievalStatus {
    DB_NotReady,
    DB_Ready,
    DB_FetchLimitReached,
    DB_FetchInProgress,
    DB_FetchCompleted
} DBRecordRetrieveStatus;
```

Symbolic Constants

Error Numbers' Base Value

DB_ERROR_BASE	(6000)
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Format Types

DBFormat_EPS	"EPS"
DBFormat_RTF	"RTF"
DBFormat_TIFF	"TIFF"

No Index Indicator

DB_NoIndex	0xffffffff
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Null Values

DB_NullDouble	(NAN)
DB_NullFloat	(NAN)
DB_NullInt	((int)0x7fffffff)

Record Limit Default

DB_DEFAULT_RECORD_LIMIT	1000
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