

Defined Types

DBExceptions

DECLARED IN dbkit/exceptions.h

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

DESCRIPTION Exceptions raised during a database access.

DBFailureCode

DECLARED IN dbkit/enums.h

SYNOPSIS typedef enum {
 DB_ReasonUnknown,
 DB_RecordBusy,
 DB_RecordStreamNotReady,
 DB_RecordHasChanged,
 DB_RecordLimitReached,
 DB_NoRecordKey,
 DB_RecordKeyNotUnique,
 DB_NoAdaptor,
 DB_AdaptorError,
 DB_TransactionError
} **DBFailureCode**;

DESCRIPTION Error codes returned by an adaptor.

DBFailureResponse

DECLARED IN dbkit/enums.h

SYNOPSIS typedef enum {
 DB_NotHandled,
 DB_Abort,
 DB_Continue
} **DBFailureResponse**;

DESCRIPTION	Possible returns from methods that respond to a failure notification.
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DBImageStyle

DECLARED IN dbkit/DBImageView.h

```

SYNOPSIS
    DB_ImageNoFrame,
    DB_ImagePhoto,
    DB_ImageGrayBezel,
    DB_ImageGroove
} DBImageStyle;

```

DESCRIPTION	Style of frame to surround an image.
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DBRecordListRetrieveMode

DECLARED IN `dbkit/enums.h`

```

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

```

DESCRIPTION	Access strategy used by a DBRecordList.
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DBRecordRetrieveStatus

DECLARED IN `dbkit/enums.h`

```

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

```

DESCRIPTION	Status of a DBRecordStream or a DBRecordList.
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DBRetrieveOrder

DECLARED IN dbkit/enums.h

```
SYNOPSIS                                     typedef enum {
    DB_NoOrder,
    DB_AscendingOrder,
```

```
        DB_DescendingOrder
    } DBRetrieveOrder;
```

DESCRIPTION Order in which retrieved records are sorted.

DBSelectionMode

DECLARED IN dbkit/DBTableView.h

```
SYNOPSIS                                                     typedef enum {
    DB_RADIOMODE,
    DB_LISTMODE,
    DB_NOSELECT
} DBSelectionMode
```

DESCRIPTION Modes in which the user may select rows or columns in a DBTableView.

DB_RADIOMODE	Selecting a row or column deselects those previously selected.
DB_LISTMODE	Selecting a previously unselected row or column adds it to the selection already made; selecting a previously selected row or column deselects.
DB_NOSELECT	No selection is permitted.

Symbolic Constants

Error Code Base Value

DECLARED IN dbkit/exceptions.h

```
SYNOPSIS                                                     DB_ERROR_BASE
```

DESCRIPTION Constant added to Database Kit error codes.

Format Types

DECLARED IN dbkit/customType.h

SYNOPSIS	Name	Value
DBFormat_EPS		"EPS"
DBFormat_RTF		"RTF"
DBFormat_TIFF		"TIFF"

DESCRIPTION Type of the source image to be displayed or transferred.

No Index Indicator

DECLARED IN dbkit/enums.h

SYNOPSIS DB_NoIndex

DESCRIPTION No selected position in an indexed array (such as DBTableView).

Null Values

DECLARED IN dbkit/DBValue.h

SYNOPSIS	Name	Value
DB_NullDouble		(NAN)
DB_NullFloat		(NAN)
DB_NullInt		((int)0x7ffffffe)

DESCRIPTION Null returns of appropriate type.

Record Limit Default

DECLARED IN dbkit/DBFetchGroup.h

SYNOPSIS DB_DEFAULT_RECORD_LIMIT 1000

DESCRIPTION Maximum number of records that a DBFetchGroup will fetch unless explicitly set by the DBRecordList method **setRecordLimit:**.