

ServoyException

Return Types

[DataException](#)

Constants Summery

- Number [#ABSTRACT_FORM](#)
Exception code for ABSTRACT_FORM.
- Number [#ACQUIRE_LOCK_FAILURE](#)
Exception code for ACQUIRE_LOCK_FAILURE.
- Number [#BAD_SQL_SYNTAX](#)
Exception code for BAD_SQL_SYNTAX.
- Number [#CLIENT_NOT_AUTHORIZED](#)
Exception code for CLIENT_NOT_AUTHORIZED.
- Number [#DATA_ACCESS_RESOURCE_FAILURE](#)
Exception code for DATA_ACCESS_RESOURCE_FAILURE.
- Number [#DATA_INTEGRITY_VIOLATION](#)
Exception code for DATA_INTEGRITY_VIOLATION.
- Number [#DEADLOCK](#)
Exception code for DEADLOCK.
- Number [#DELETE_NOT_GRANTED](#)
Exception code for DELETE_NOT_GRANTED.
- Number [#EXECUTE_PROGRAM_FAILED](#)
Exception code for EXECUTE_PROGRAM_FAILED.
- Number [#INCORRECT_LOGIN](#)
Exception code for INCORRECT_LOGIN.
- Number [#INVALID_INPUT](#)
Exception code for INVALID_INPUT.
- Number [#INVALID_INPUT_FORMAT](#)
Exception code for INVALID_INPUT_FORMAT.
- Number [#INVALID_RESULTSET_ACCESS](#)
Exception code for INVALID_RESULTSET_ACCESS.
- Number [#MAINTENANCE_MODE](#)
Exception code for MAINTENANCE_MODE.
- Number [#NO_ACCESS](#)
Exception code for NO_ACCESS.
- Number [#NO_CREATE_ACCESS](#)
Exception code for NO_CREATE_ACCESS.
- Number [#NO_DELETE_ACCESS](#)
Exception code for NO_DELETE_ACCESS.
- Number [#NO_LICENSE](#)
Exception code for NO_LICENSE.
- Number [#NO_MODIFY_ACCESS](#)
Exception code for NO_MODIFY_ACCESS.
- Number [#NO_PARENT_DELETE_WITH_RELATED_RECORDS](#)
Exception code for NO_PARENT_DELETE_WITH_RELATED_RECORDS.
- Number [#NO_RELATED_CREATE_ACCESS](#)
Exception code for NO_RELATED_CREATE_ACCESS.
- Number [#PERMISSION_DENIED](#)
Exception code for PERMISSION_DENIED.
- Number [#RECORD_LOCKED](#)
Exception code for RECORD_LOCKED.
- Number [#RECORD_VALIDATION_FAILED](#)
Exception code for RECORD_VALIDATION_FAILED.
- Number [#SAVE_FAILED](#)
Exception code for SAVE_FAILED.
- Number [#UNKNOWN_DATABASE_EXCEPTION](#)
Exception code for UNKNOWN_DATABASE_EXCEPTION.

Method Summery

- Number [#getErrorCode\(\)](#)
Returns the error code for this ServoyException.
- String [#getMessage\(\)](#)
Returns the string message for this ServoyException.

Constants Details

ABSTRACT_FORM

Exception code for ABSTRACT_FORM.

Returns

[Number](#)

Sample

ACQUIRE_LOCK_FAILURE

Exception code for ACQUIRE_LOCK_FAILURE.

Returns

[Number](#)

Sample

BAD_SQL_SYNTAX

Exception code for BAD_SQL_SYNTAX.

Returns

[Number](#)

Sample

CLIENT_NOT_AUTHORIZED

Exception code for CLIENT_NOT_AUTHORIZED.

Returns

[Number](#)

Sample

DATA_ACCESS_RESOURCE_FAILURE

Exception code for DATA_ACCESS_RESOURCE_FAILURE.

Returns

[Number](#)

Sample

DATA_INTEGRITY_VIOLATION

Exception code for DATA_INTEGRITY_VIOLATION.

Returns

[Number](#)

Sample

DEADLOCK

Exception code for DEADLOCK.

Returns

[Number](#)

Sample

DELETE_NOT_GRANTED

Exception code for DELETE_NOT_GRANTED.

Returns

[Number](#)

Sample

EXECUTE_PROGRAM_FAILED

Exception code for EXECUTE_PROGRAM_FAILED.

Returns

[Number](#)

Sample

INCORRECT_LOGIN

Exception code for INCORRECT_LOGIN.

Returns

[Number](#)

Sample

INVALID_INPUT

Exception code for INVALID_INPUT.

Returns

[Number](#)

Sample

INVALID_INPUT_FORMAT

Exception code for INVALID_INPUT_FORMAT.

Returns

[Number](#)

Sample

INVALID_RESULTSET_ACCESS

Exception code for INVALID_RESULTSET_ACCESS.

Returns

[Number](#)

Sample

MAINTENANCE_MODE

Exception code for MAINTENANCE_MODE.

Returns

[Number](#)

Sample

NO_ACCESS

Exception code for NO_ACCESS.

Returns

[Number](#)

Sample

NO_CREATE_ACCESS

Exception code for NO_CREATE_ACCESS.

Returns

[Number](#)

Sample

NO_DELETE_ACCESS

Exception code for NO_DELETE_ACCESS.

Returns

[Number](#)

Sample

NO_LICENSE

Exception code for NO_LICENSE.

Returns

[Number](#)

Sample

NO_MODIFY_ACCESS

Exception code for NO_MODIFY_ACCESS.

Returns

[Number](#)

Sample

NO_PARENT_DELETE_WITH_RELATED_RECORDS

Exception code for NO_PARENT_DELETE_WITH_RELATED_RECORDS.

Returns

Number

Sample

NO_RELATED_CREATE_ACCESS

Exception code for NO_RELATED_CREATE_ACCESS.

Returns

Number

Sample

PERMISSION_DENIED

Exception code for PERMISSION_DENIED.

Returns

Number

Sample

RECORD_LOCKED

Exception code for RECORD_LOCKED.

Returns

Number

Sample

RECORD_VALIDATION_FAILED

Exception code for RECORD_VALIDATION_FAILED.

Returns

Number

Sample

SAVE_FAILED

Exception code for SAVE_FAILED.

Returns

Number

Sample

UNKNOWN_DATABASE_EXCEPTION

Exception code for UNKNOWN_DATABASE_EXCEPTION.

Returns

Number

Sample

Method Details

getErrorCode

Number **getErrorCode()**

Returns the error code for this ServoyException. Can be one of the constants declared in ServoyException.

Returns

Number – the error code for this ServoyException. Can be one of the constants declared in ServoyException.

Sample

```
//this sample script should be attached to onError method handler in the solution settings
var e = arguments[0];
application.output("Exception Object: "+e)
application.output("MSG: "+e.getMessage())
if (e instanceof ServoyException)
{
    application.output("is a ServoyException")
    application.output("Errorcode: "+e.getErrorCode())
    if (e.getErrorCode() == ServoyException.SAVE_FAILED)
    {
        plugins.dialogs.showErrorDialog( "Error", "It seems you did not fill in a required field",
'OK');

        //Get the failed records after a save
        var array = databaseManager.getFailedRecords()
        for( var i = 0 ; i < array.length ; i++ )
        {
            var record = array[i];
            application.output(record.exception);
            if (record.exception instanceof DataException)
            {
                application.output("SQL: "+record.exception.getSQL())
                application.output("SQLState: "+record.exception.getSQLState())
                application.output("VendorErrorCode: "+record.exception.getVendorErrorCode())
            }
        }
        return false
    }
}
//if returns false or no return, error is not reported to client; if returns true error is reported
//by default error report means logging the error, in smart client an error dialog will also show up
return true
```

getMessage

String getMessage()

Returns the string message for this ServoyException.

Returns

String – the string message for this ServoyException.

Sample

```
//this sample script should be attached to onError method handler in the solution settings
var e = arguments[0];
application.output("Exception Object: "+e)
application.output("MSG: "+e.getMessage())
if (e instanceof ServoyException)
{
    application.output("is a ServoyException")
    application.output("Errorcode: "+e.getErrorCode())
    if (e.getErrorCode() == ServoyException.SAVE_FAILED)
    {
        plugins.dialogs.showErrorDialog( "Error", "It seems you did not fill in a required field",
'OK');

        //Get the failed records after a save
        var array = databaseManager.getFailedRecords()
        for( var i = 0 ; i < array.length ; i++ )
        {
            var record = array[i];
            application.output(record.exception);
            if (record.exception instanceof DataException)
            {
                application.output("SQL: "+record.exception.getSQL())
                application.output("SQLState: "+record.exception.getSQLState())
                application.output("VendorErrorCode: "+record.exception.getVendorErrorCode())
            }
        }
        return false
    }
}
//if returns false or no return, error is not reported to client; if returns true error is reported
//by default error report means logging the error, in smart client an error dialog will also show up
return true
```