

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
```