

system.file.readFileAsBytes

This function is used in **Python Scripting**.

Description

Opens the file found at path filename, and reads the entire file. Returns the file as an array of bytes. Commonly this array of bytes is uploaded to a database table with a column of type BLOB (Binary Large Object). This upload would be done through an INSERT or UPDATE SQL statement run through the system.db.runPrepUpdate function. You could also write the bytes to another file using the system.file.writeFile function, or send the bytes as an email attachment using system.net.sendEmail.

Client Permission Restrictions

This scripting function has no Client Permission restrictions.

Syntax

system.file.readFileAsBytes(filepath)

- Parameters
 - `String` filepath - The path of the file to read.
- Returns
 - `byte[]` - The contents of the file as an array of bytes.
- Scope
 - All

Code Examples

Code Snippet

```
# This code would prompt the user to choose a file. If the user chooses a file, it would then
read that file and upload it to a database table called Files into a BLOB column called
file_data.

path = system.file.openFile()
if path != None:
    bytes = system.file.readFileAsBytes(path)
    system.db.runPrepUpdate("INSERT INTO Files (file_data) VALUES (?)", [bytes])
```