



SUNGARD PUBLIC SECTOR
DataUpdate Web Service Usage

IFAS
Integrated Financial &
Administrative Solution

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Document Change Log

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1 DataUpdate Web Service Usage

1.1 Overview

The purpose of the DataUpdate web service is to insert data in to the IFAS database. The DataUpdate web service allows a programmatic interface to insert data into any IFAS table. When data is inserted into the IFAS database using the DataUpdate web service all validations and business rules are applied to the data.

1.1.1 Usage

There are three methods available in the web service.

ListTables

Input: None

Output: This method returns a list of table names. Each of the tables accessible by the web service are returned by this method.

GetSchema

Input: The name of the table to get the schema for

Output: This method returns the schema of the table in a DataSet format. The schema returned should be the one used for the insert method.

Insert

Input: The DataSet containing the data to insert. Multiple records and multiple tables can be included in this dataset. If the list is too large, then the possibility of introducing a database deadlock increases.

Output: The result of this method includes a Boolean value describing if the data was written successfully to the database, as well as a list of error messages. The error messages contain a row number, a table name, and a string describing the error message. The table is the name of the table in the dataset containing the error. The record number is the row number in the table that contains an error. Any row may have zero or more error messages.

The web service is located at /ifas7/Services/Common/DataUpdate.asmx on the 7i server.