This PDF form demonstrates several different ways to use PHP to build on Adobe Acrobat's native capabilites to interact with SQL databases or REST APIs, including multi-parameter lookups and updates using parameterized queries in prepared statements within transactions, Sodium-based data encryption, and programmable e-mail or SMS services. Requires Adobe Acrobat Reader or Acrobat Pro, scroll to second page for additional information.

English | French | Spanish | Register 2FA Account | Show | Hide

E-mail Address: customdataservicesinfo@gmail.com | Password: ******** | 2FA Code:

Diamond Price Look Up

Cut Type	Ideal	$16,220.00	Per Carat Price Converted	22,064.88
Weight Range	1.50	Get Per Carat Price	Select Currency	CAD
Clarity	VVS1	Enter Weight 1.52	Currency Exchange Rate	1.36035
Color	D	$ 24,654.40	Extended Price Converted	33,538.61

				Order Date	Ship Date
Australian Collectors, Co.			114	2024-02-14	2024-02-28
Australian Collectors, Co.				Peter Ferguson	03 9520 4555
636 St Kilda Road	Melbourne			3004	Australia
Level 3	Victoria			Credit Limit	Current Balance
		Exceeds available credit by $200,507.38		$117,300.00	$14,532.00

SKU	Item Name	On Hand	Price	Quantity	Extension	Converted
1	Trek 9000 Mountain Bike	5240	$1,200.00	100	$120,000.00	163,242.00
2	Eagle FS-3 Mountain Bike	2500	$ 1,800.00	100	$180,000.00	244,863.00
3	Dog Ear Cyclecomputer	2300	$ 75.00	110	$8,250.00	11,222.89
					$308,250.00	419,327.89
Sales Tax				7.75%	$ 23,889.38	32,497.91
Subtotal					$ 332,139.38	451,825.80
Shipping					$ 200.00	272.07
Total					$ 332,339.38	452,097.87

Update Quantiity On Hand

1 | Trek 9000 Mountain Bike | 5,240

04/03/2024 01:49:26 pm - Trek 9000 Mountain Bike updated to 5240 by customdataservicesinfo@gmail.com

32,001	Total In Inventory
40	Distinct Products
$ 196.03	Average Retail Price
$ 9,164,622.45	Total Retail Value

Refresh KPIs

18881234567 03-04-24 01:49:28

Text Receipt | Preview Print | Reset Form

three hundred and thirty-two thousand, three hundred and thirty-nine dollars and thirty-eight cents

Cascading Selection Menus

- Ford Motor Company
- Ford Division
- MUSTANG
- Supercharged
- Manual(M6)
- 2-Wheel Drive, Rear

Filtered Selection Menu

S | Saint Vincent and the Grenadines

Signature Capture and QRCode Generation

Sodium Data Encryption

Enter the text to be encrypted here. You can optionally add a reference in the field on the right. Decryption requires the unencrypted reference as well as the 3 encrypted fields below to work.

#ABC-12345

75ab72c628988471f72b291c

849759952c543d06f8fd2762f0308490abefac217c2e0f777a77b1892d15a3e8

bf7226a3a1f9f0625df7c55e015140eeab11c778c7352ecaa21bb1484e2d62eb60086a9e9ecdb4bd724f7332871cdb7d81c4

Decrypted text will be returned here.

Encrypt

Decrypt

This Adobe Acrobat form has several sections, each intended to demonstrate a different way that a standard PDF file can perform real-time interactions with SQL databases and REST APIs, including multi-parameter lookups, database record creation and updates using prepared statements within transactions, Sodium-based data encryption, and programmable e-mail and SMS messaging services.

Here are some things to consider when evaluating Acrobat forms..

+ Acrobat forms can be extended with open-source JavaScript, PHP, SQL, and cURL
+ Acrobat forms can interact with multiple databases or APIs, in any combination or sequence
+ Acrobat forms can execute SQL queries with PHP Data Objects for injection-proof interactions
+ Acrobat forms objects and associated functions can be visible or hidden based on conditional logic
+ Acrobat forms can have interactive fields, buttons, calculations, functions, and scripted events
+ Acrobat forms provide native security features like encryption and password protection
+ Acrobat forms provide electronic signatures with advanced digital authentication
+ Acrobat forms can utilize ultra-efficient low-code client-server methods
+ Acrobat forms don't have the security weaknesses of HTML forms
+ Acrobat forms don't require SaaS connector dependencies

If you would like to test, download a copy and open with either Adobe Acrobat Reader or Acrobat Pro. The form will not work correctly if it is opened in a web browser, and non-Adobe PDF editors or readers will give mixed results.

To start, select a language to trigger Acrobat's initial trust prompt. Trust is required to enable communications with external data sources.

You can optionally test 2-Factor Authentication (2FA). If you do, first register an account at www.phpdf.com. Return to this form and enter the e-mail address and password that you registered with. Tabbing out of the Password field will POST form parameters over an SSL-encrypted connection to a SQL query in a PHP script that matches the submitted e-mail address and password and, based on a match, sends an e-mail message to the registered e-mail address containing a unique 2FA code. Copy the code from the e-mail message to the form's "2FA Code" field and tab out of the field to trigger a JavaScript function that makes visible 3 previously hidden objects. A timestamp field and a unique identifier field should appear along with an "Initialize" button. Click the button to run a PHP utility script that updates the data in the 2 fields.

The Diamond Price Look Up section uses 4 different parameters to query a SQL database for a diamond's price per carat. Enter a Cut Type, Weight Range, Clarity, and Color parameters to lookup a per carat price. Enter a carat weight between 1.00 and 5.00 to calculate the diamond's actual value.

Select a country code from the Select Currency drop-down list and tab out of the field to query the FIXER.IO currency exchange REST API.

The Customer Look Up uses either a name selected from the drop-down list or an inserted customer number (examples 114, 206, 249, 348, 415, 458, 495) to query a SQL database and return customer and accounts payable information.

The Order Form grid uses SKUs 1...40 to query a SQL database for product description, availability, and price. JavaScript error checks ensure products can't be ordered if the quantity ordered exceeds quantity on hand and also generates a red error message if the order total exceeds the customer's Credit Limit minus their Current Balance.

The Update Quantity On Hand section uses a SQL transaction to adjust the On Hand value for the specified product. Enter a new value in the field on the right of the product's name and tab out of the field to trigger the Update transaction.

Click the "Refresh KPIs" button after updating the inventory to execute 4 separate SQL queries and return updated results to the form.

Tabbing out of the Total field executes a PHP script that converts the total into a long text currency format.

The Text Receipt button sends an e-mail message that triggers the TextMagic REST API to send an SMS text receipt to the phone number entered into the field above the button (this feature works great but is disabled in this demo due to SMS rules and regulations).

Print Form can be used to print specified form elements (use Show and Hide buttons to preview) to paper or to PDF, creating a read-only version of the completed form.

The Cascading Drop-down Menus and Filtered Drop-down Menus demonstrate JavaScript generated by Try67 add-on tools (www.try67.com). The cascading drop-down menus change depending on selections made in the preceding drop-down menus, and the filtered drop-down menu changes depending on the alphabetic character inserted into the field to the left of the menu.

The signature section uses Acrobat's native Digital ID mechanism to enable optional securable digital signatures.

If you are using Acrobat Pro, a QR Code will be dynamically generated to the right of the signature that changes based on updates to the Form ID, Customer Name, or Order Total fields.

Finally, the Sodium data encryption section uses components of the Sodium Cryptographic Library to convert text and an optional reference text into 3 encrypted components. Decryption requires all 4 components to recreate the initial text.

These are just a few examples. For more information, please visit www.customdataservices.net. Thanks!