

Henry Hill's Import Export Bank

1

Exchange Funds

Add a Country

Update Country

3

Source

Country 1
Country 2
Country 3

To

Country 1
Country 2
Country 3

Amount

nnn

4

Clear

Result

Exchange rate for Country 1 is 1USD : XX cu1
Exchange rate for Country 2 is 1USD : XX cu2
Exchanging *nnn cu1* will give you NNN cu2

2

- 1 – A neatly laid out heading with textured background color
- 2- A rectangle workarea with three tabs.
- 3- The highlighted tab should have a blue background and contrasting font. Inactive tabs should be grayed appropriately
- 4-All forms must use tabindex to allow tab through the fields

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Country 1

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To

3

Country 1

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nnn

5

Clear

6

Calculate

7

Exchange rate for Country 1 is 1USD : XX cu1
Exchange rate for Country 2 is 1USD : XX cu2
Exchanging nnn cu1 will give you NNN cu2

- 1 – First tab should be active on page load. It will be used for transactions
- 2 & 3 – A single-select dropdown allowing you to source and target currencies' countries.
- 2 & 3 - The list should be populated dynamically (ajax) on page load. So new countries added to the database are reflected.
- 4 – Amount in whole numbers (no decimals accepted)
- 5 – Clear Button to clear fields (and the results box)
- 6 – A calculate button to process the query
- 7 – A box on the side panel should list out the results in format provided. The numbers on last line should be highlighted with a yellow background
- Other: On change of any field, the blue results box should be cleared.

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Exchange Funds

Add a Country

Update Country

Country	<input type="text" value="string"/>	1	
Currency	<input type="text" value="String"/>		Notation <input type="text" value="string"/>
Rate at 1USD	<input type="text" value="nnn"/>	2	Comission <input type="text" value="nnn"/>
	<input type="button" value="Clear"/>		<input type="button" value="ADD Country"/>
	3		4

Tab 2 – Add a Country.
Allows you to add a country
to your database

1 – String only fields
2 – numeric fields
3 – clears all input fields
4 – Adds a country to the
database

On Success: Alert the user
that the country has been
added and clear all the
fields

If a country exists in the
database already: Prompt
the user asking if he would
like to update instead – if
yes, update the database
and follow the On Success
route; if no – clear all the
fields making no updates to
the database

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Exchange Funds

Add a Country

Update Country

Source
1

Country 1
Country 2
Country 3

Currency

String

Notation

string

Rate at 1USD

nnn

2

Comission

nnn

Clear

ADD Country

3

4

Tab 3 – Update a Country.
Allows you to update the
database

- 1 – A list of countries in the
database
- 2 – On selection, populate
the other fields with
existing values in the
database.. And enable
those fields to receive input
- 3 – Clear all fields
- 4 – Submit query. On
success – alert the user of
success and then clear all
the fields. On failure – alert
the user of the problem.

GET domain/exchange/country: gives you information about a country

GET domain/exchange/country1/country2/amount – converts currency and returns json object needed for Exchange Funds Tab

PUT domain/exchange/country: inserts a new country

you can try a json object or url parameters e.g. domain/exchange/country/currency/notation/...../../

POST domain/exchange/country: update an existing country