Introduction to the API of
the CBC Statistical Database

I. Introduction

API stands for "Application Programming Interface." It is a mechanism that defines how applications communicate and work with each other. An API can be thought of as a bridge between two software programs using a set of definitions on how software components connect and interact in order to enable different software systems to exchange data and make function calls.

The API of the CBC Statistical Database presents data in API-JSON format, including three components, which are header, dataset, and structure, the details as follows.

1. Header: describes the basic information of the item.
2. DataSet: provides a complete dataset of the item.
3. Structure: offers dimensional information of the item.

II. Query syntax structure and example

The API of the CBC Statistical Database determines whether to provide a complete dataset of an item based on the item's parameter code, and the query result is presented in JSON format.

Below is the query syntax structure to be used to search for the data needed:
URL format: https://cpx.cbc.gov.tw/API/DataAPI/Get?FileName=**ItemCode**

Example:
Taking the daily data of NTD-USD Exchange Rates as an example, the item code of the data is BP01D01en, so its query syntax would be:
https://cpx.cbc.gov.tw/API/DataAPI/Get?FileName=BP01D01en

With the query syntax above, the complete dataset of the daily data of NTD-USD Exchange Rates would be retrieved.

III. List of item codes for the CBC Statistical Database (See the table attached below)

Item Name				Period	Item Code
NTD-USD Exchange Rates				Year	BP01Y01en
					BP01M01en
				Day	BP01D01en
Key Financial Indicators	Money			Year	EF01Y01en
				Month	EF01M01en
	Deposits			Year	EF03Y01en
				Month	EF03M01en
	Loans & Investments (measured at original costs)			Year	EFA4Y01en
				Month	EFA4M01en
	Financial Markets			Year	EF05Y01en
				Month	EF05M01en
	Other			Year	EF07Y01en
				Month	EF07M01en
	Seasonally Adjusted Key Financial Indicators			Month	EF10M01en
Money	Reserve Money	Averages of Daily Figures		Year	EF11Y01en
				Month	EF11M01en
		End of Month		Year	EF12Y01en
				Month	EF12M01en
		Factors Responsible for Changes in Reserve Money		Year	EF13Y01en
				Month	EF13M01en

Item Name			Period	Item Code
	Monetary Aggregates	Averages of Daily Figures	Year	EF15Y01en
			Month	EF15M01en
		End of Month	Year	EF17Y01en
			Month	EF17M01en
		Factors Responsible for Changes in Monetary Aggregate M1B	Year	EF19Y01en
			Month	EF19M01en
		Factors Responsible for Changes in Monetary Aggregate M2	Year	EF21Y01en
			Month	EF21M01en
	Reserve Ratios		Day	EF71D01en
	Reserve Requirements of Financial Institutions		Year	EF72Y01en
			Month	EF72M01en
	Liquidity Ratio and Liquid Reserves of Other Monetary Financial Institutions		Year	EF73Y01en
			Month	EF73M01en
	Liquid Liabilities		Year	EFA1Y01en
			Month	EFA1M01en

Item Name				Period	Item Code
Consolidated Assets and Liabilities	Financial Institutions	Financial Institutions	Assets	Year	EF39Y01en
				Month	EF39M01en
			Liabilities	Year	EF41Y01en
				Month	EF41M01en
		Monetary Institutions	Assets	Year	EF35Y01en
				Month	EF35M01en
			Liabilities	Year	EF37Y01en
				Month	EF37M01en
		Central Bank	Assets	Year	EF23Y01en
				Month	EF23M01en
			Liabilities	Year	EF25Y01en
				Month	EF25M01en
		Other Monetary Financial Banks	Assets	Year	EF27Y01en
				Month	EF27M01en
			Liabilities	Year	EF29Y01en
				Month	EF29M01en
		Domestic Banks	Assets	Year	EF43Y01en
				Month	EF43M01en
			Liabilities	Year	EF45Y01en
				Month	EF45M01en
		Local Branches of Foreign Banks	Assets	Year	EF47Y01en
				Month	EF47M01en
			Liabilities	Year	EF49Y01en
				Month	EF49M01en

Item Name				Period	Item Code
		Credit Cooperative Associations	Assets	Year	EF55Y01en
				Month	EF55M01en
			Liabilities	Year	EF57Y01en
				Month	EF57M01en
		Credit Departments of Farmers' and Fishermen's Associations	Assets	Year	EF59Y01en
				Month	EF59M01en
			Liabilities	Year	EF61Y01en
				Month	EF61M01en
		Chunghwa Post Co.	Assets	Year	EF63Y01en
				Month	EF63M01en
			Liabilities	Year	EF64Y01en
				Month	EF64M01en
		Money Market Mutual Funds	Assets & Liabilities	Year	EG65Y01en
				Month	EG65M01en
		Trust and Investment Companies	Assets & Liabilities	Year	EF65Y01en
				Month	EF65M01en
		Life Insurance Companies	Assets & Liabilities	Year	EF67Y01en
				Month	EF67M01en
	Property and Casualty	Assets & Liabilities		Year	EG05Y01en

Item Name				Period	Item Code
	Insurance Companies				
				Month	EG05M01en
	Central Deposit Insurance Corporation	Assets & Liabilities		Year	EG03Y01en
				Month	EG03M01en
	Bills Finance Companies	Assets & Liabilities		Year	EG07Y01en
				Month	EG07M01en
	Securities Finance Companies	Assets		Year	EGA9Y01en
				Month	EGA9M01en
		Liabilities		Year	EGB9Y01en
				Month	EGB9M01en
	Offshore Banking Units	Consolidated Assets and Liabilities	Assets & Liabilities	Month	EGA7M01en
		Maturities of Major Assets and Liabilities	Assets & Liabilities	Quarter	EGC7Q01en
Deposits with All Banks	By Account			Year	EI75Y01en
				Month	EI75M01en
	By Industry			Year	EI77Y01en
				Month	EI77M01en
	By Sector			Year	EI79Y01en
				Month	EI79M01en
	Time Deposits-By Maturity			Month	EI80M01en
	Time Savings Deposits-By Maturity			Month	EI81M01en

Item Name				Period	Item Code
	Time Deposits-By Depositors			Month	EIA1M01en
	Time Savings Deposits-By Depositors			Month	EI82M01en
	Time Deposits-By Amount			Month	EI83M01en
	Time Savings Deposits-By Amount			Month	EI84M01en
Loans and Discounts at All Banks	By Account			Year	EI85Y01en
				Month	EI85M01en
	By Sector			Year	EI86Y01en
				Month	EI86M01en
	By Industry			Year	EI87Y01en
				Month	EI87M01en
	By Amount			Year	EI97Y01en
				Month	EI97Y01en
	By Maturity			Year	EI98Y01en
				Month	EI98M01en
	Loans and Discounts at All Banks to Private & Government Enterprises in the Manufacturing Sector			Year	E95GY01en
				Month	E95GM01en
	Consumer Loans and Loans for Construction			Year	EF99Y01en
				Month	EF99M01en

Item Name				Period	Item Code
	Foreign Currency Loans at All Banks			Year	EG01Y01en
				Month	EG01M01en
Interbank Call Loans	Transactions by Institutions			Year	EG11Y01en
				Month	EG11M01en
				Day	EG11D01en
	Amounts Outstanding by Institutions			Year	EG13Y01en
				Month	EG13M01en
				Day	EG13D01en
	Transactions by Maturities			Year	EG15Y01en
				Month	EG15M01en
				Day	EG15D01en
	Amounts Outstanding by Maturities			Year	EG16Y01en
				Month	EG16M01en
				Day	EG16D01en
Bills Market	Transactions by Instruments			Year	EG17Y01en
				Month	EG17M01en
	Transactions by Customers			Year	EG19Y01en
				Month	EG19M01en
	Issues, Redemptions and Amounts Outstanding of Bills			Year	EG21Y01en
				Month	EG21M01en
Bonds Market	Transactions			Year	EG23Y01en

Item Name				Period	Item Code
				Month	EG23Y01en
	Issues, Redemptions and Amounts Outstanding of Government Bonds			Year	EGA4Y01en
				Month	EGA4M01en
	Issues, Redemptions & Amounts Outstanding of Domestic Corporate Bonds and Bank Debentures			Year	EGB4Y01en
				Month	EGB4M01en
Stock Market	Margin Trading			Year	EG25Y01en
				Month	EG25M01en
	Transactions of Listed Stock and Stock Price Index			Year	EG27Y01en
				Month	EG27M01en
Interest Rates	Rates of Central Bank			Year	EG2AY01en
				Month	EG2AM01en
				Day	EG28D01en
	Rates by five major banks			Year	EG2BY01en
				Month	EG2BM01en
	Deposit Rates and Base Lending Rates Offered by Major Banks			Month	EG2WM01en
	Deposit Rates and Base Lending			Day	EG30D01en

Item Name				Period	Item Code
	Rate Offered by First Commercial Bank				
	Rates on Foreign Currency Deposits Offered by Authorized Foreign Exchange Banks			Month	EG3WM01en
	Weighted Average Interest Rates on Deposits and Loans			Year	EG39Y01en
				Quarter	EG39Q01en
	New Loans and Interest Rates by Five Leading Banks			Year	EH45Y01en
				Month	EH45M01en
	Interbank Call Loan Rates			Year	EG37Y01en
				Month	EG37M01en
				Day	EG37D01en
	Money Market Interest Rates			Year	EG41Y01en
				Month	EG41M01en
	Capital Market Interest Rates			Year	EG43Y01en
				Month	EG43M01en
	Interest Rates in Unorganized Money Markets			Month	EG45M01en
Foreign Exchange	Export and Import Foreign Exchange Proceeds and Payments			Year	EG46Y01en

Item Name				Period	Item Code
				Month	EG46M01en
	Day Trading and Foreign Exchange Net Positions			Year	EG47Y01en
				Month	EG47M01en
	Taipei Foreign Currency Call Loan Market			Year	EG49Y01en
				Month	EG49M01en
				Day	EG49D01en
	Spot Exchange Rates of the N.T. Dollar against the U.S. Dollar and Interest Rates on Accommodations for Usance Letter of Credit			Month	EG51M01en
				Day	EG51D01en
	Spot Exchange Rates			Month	EG52M01en
	Forward Exchange Rates of the N.T. Dollar against the U.S. Dollar			Year	EG55Y01en
				Month	EG55M01en
				Day	EG55D01en
Other	Number of Financial Institutions			Year	EF09Y01en
				Month	EF09M01en
	Open Market Transactions			Year	EG60Y01en
				Month	EG60M01en
				Day	EG60D01en

Item Name				Period	Item Code
	Bank Clearings and Dishonored Checks and Bills			Year	EF70Y01en
				Month	EF70M01en
	Payment Systems			Year	EG77Y01en
				Month	EG77M01en
	Debits and Deposit Turnover Rate of Domestic Banks			Year	EF69Y01en
				Month	EF69M01en
	Credit Card and ATM Transactions			Year	EG02Y01en
				Month	EG02M01en
	Loans & Investments Revalued - Monetary Financial Institutions			Year	EG75Y01en
				Month	EG75M01en
	Annual Growth Rates of Loans & Investments of Financial Institutions			Year	EG73Y01en
				Month	EG73M01en
Balance of Payments				Year	BPP2Y01en
				Quarter	BPP2Q01en
International Investment Position				Year	BPF4Y01en
Financial Transactions				Year	FL01_en
Financial Assets and Liabilities				Year	FL02_en