

Version 0.1.0			updated: 2019/07/19	
DDMX鏈		http://3.112.46.10:8080/DDMX		
功能	方法	本文	回應	
NewAccount	POST	新增帳戶		
		{ "METHOD": "NewAccount", "PARAMS": { "UUID": "UUID", "PASSWORD": "password" } }	{ "NewAccount": "0x89064130066B2AFCB8564B502155F0518694BC13" }	
		"PARAMS": {"UUID", "PASSWORD"} "UUID": 使用者唯一識別編號, 跨系統亦須保持唯一(不分大小寫, 不可為空字串, 不可為空值) "PASSWORD": 密碼, 可為空字串, 不可為空值		
GetBalance	POST	取帳戶餘額		
		{ "METHOD": "GetBalance", "PARAMS": { "UUID": "UUID", "DATA": { "ACCOUNT": "0x98f3937ec83c0659f396dc82ff221737ea11718d", "CONTRACT": "" } } }	{ "Balance": "4710.705244409767", "Symbol": "DDMX" }	
		"PARAMS": {"UUID", "DATA"} "UUID": 使用者唯一識別編號, 跨系統亦須保持唯一(不分大小寫, 不可為空字串, 不可為空值) "DATA": {"ACCOUNT", "CONTRACT"} ACCOUNT: 不可為空, 查詢餘額的帳號 CONTRACT: 為空字串時, 表示查詢DDMX; 非空字串時, 表示查詢該合約代表的token餘額 (BTC暫不提供)		
GetTxFee	POST	取當前所需交易手續費		
		{ "METHOD": "GetTxFee", "PARAMS": {} }	{ "Normal": "0.00015", "High": "0.0003" }	
		"PARAMS": 無		
GetBlockNumber	POST	取最新區塊號碼		
		{ "METHOD": "GetBlockNumber", "PARAMS": {} }	{ "BlockNumber": "2433652" }	
		"PARAMS": 無		
SendTransaction	POST	帳戶轉帳		
		{ "METHOD": "SendTransaction", "PARAMS": { "UUID": "UUID", "DATA": { "FROM": "0x98f3937ec83c0659f396dc82ff221737ea11718d", "TO": "0xcb784ab185ade0347c5e99854089868111615727", "AMOUNT": "0.00123", "PASSWORD": "12qwaszx", "CONTRACT": "" } } }	{ "TxHash": "0x223C9C1A615E7575A274B675DD63C3179A2F1F8F918C9A1492F86A6DA32AFBD4", "BlockNumber": "2433655", "TxFee": "0.0027" }	

		<div>"PARAMS": {"UUID", "DATA"} "UUID" 使用者唯一識別編號, 跨系統亦須保持唯一(不分大小寫, 不可為空字串, 不可為空值) "DATA": {"FROM", "TO", "AMOUNT", "PASSWORD", "CONTRACT"} "FROM": 不可為空, 轉出的帳號 "TO": 不可為空, 轉入的帳號 "AMOUNT": 不可為空, 不可為負值, 轉出的金額 "PASSWORD": 解鎖密碼, 為空字串時, 使用預設創建密碼, 非空字串時, 使用所給予的密碼 "CONTRACT": 為空字串時, 表示轉出DDMX; 非空字串時, 表示轉出該合約代表的token(暫不提供)</div>	
SetListenTxAddress	POST	設定監聽交易帳戶	
		<div>{ "METHOD": "SetListenTxAddress", "PARAMS": {"Host": "HostName", "Addresses": ["0x98f3937ec83c0659f396dc82ff221737ea11718d", "0xcb784ab185ade0347c5e99854089868111615727"]} }</div> <div>"PARAMS": {"Host", "Addresses"} "Host": 主機識別名稱, 接收MQTT識別使用, 不可為空 "Address": 欲監聽目的(To)交易的位址 搭配訂閱MQTT使用, Topic為blockchain/ddmx/listentx/HostName broker為tcp://message.shopeebuy.com:1883 username為jutaibc password為1qaz2wsx@BC 回傳值為: { "From": "0x98f3937ec83c0659f396dc82ff221737ea11718d", "To": "0xcb784ab185ade0347c5e99854089868111615727", "BlockNumber": "999999999", "TxHash": "0x3ce8cb3ab3b690d6c491877355a2ca471b3cd07a4c50626d856c2641755ffc91", "Symbol": "DDMX", "Amount": "1111.1111", "Contract": "" }</div>	<div>{ "Code": 200, "Message": "Success, add 2 new addresses." }</div> <div>區塊更新MQTT, Topic為blockchain/ddmx/listenblocknumber broker為tcp://message.shopeebuy.com:1883 username為jutaibc password為1qaz2wsx@BC 回傳值為: { "BlockNumber": "999999999" }</div>
GetListenTxAddress	POST	查詢已設定監聽交易帳戶	
		<div>{ "METHOD": "GetListenTxAddress", "PARAMS": {"Host": "HostName"} }</div> <div>"PARAMS": {"Host"} "Host": 主機識別名稱, 不可為空</div>	<div>{ "Address": ["0xcb784ab185ade0347c5e99854089868111615727"] }</div>