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Usage of Renminbi Liquidity Facility

API Detailed Documentation

API URL:

<https://api.hkma.gov.hk/public/market-data-and-statistics/daily-monetary-statistics/usage-rmb-liquidity-fac>

[API Data Enquiry](#)

Output Fields (JSON)

[Swagger Format](#)

Name	Type	Unit Of Measure	Description
end_of_date	Date		Daily figure Date in ISO format yyyy-mm-dd, For example, 1997-01-01
intraday_repo_at_0900	Number	RMB million	Intraday repo – 9am
overnight_repo_at_0900	Number	RMB million	Overnight repo – 9am
plp_fac_at_0900	Number	RMB million	PLP Facility – 9am
intraday_repo_at_1100	Number	RMB million	Intraday repo – 11am
overnight_repo_at_1100	Number	RMB million	Overnight repo – 11am
plp_fac_at_1100	Number	RMB million	PLP Facility – 11am
intraday_repo_at_1400	Number	RMB million	Intraday repo – 2pm
overnight_repo_at_1400	Number	RMB million	Overnight repo – 2pm
plp_fac_at_1400	Number	RMB million	PLP Facility – 2pm
intraday_repo_at_1600	Number	RMB million	Intraday repo – 4pm
overnight_repo_at_1600	Number	RMB million	Overnight repo – 4pm
plp_fac_at_1600	Number	RMB million	PLP Facility – 4pm

API Examples

Javascript Example

```
$.ajax({  
  
  url: 'https://api.hkma.gov.hk/public/market-data-and-statistics/daily-monetary-statistics/usage-rmb-liquidity-fac?offset=0',  
  
  dataType: 'json',  
  
  success: function(data){  
  
    alert('results found:' + data.result.datasize)  
  
  }  
  
});
```

Python Example

```
import urllib.request  
  
url = 'https://api.hkma.gov.hk/public/market-data-and-statistics/daily-monetary-statistics/usage-rmb-liquidity-fac?offset=0'  
  
with urllib.request.urlopen (url) as req:  
  
  print (req.read())
```

How to use the APIs

To learn more, please visit [API documentation](#).

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```

{
  "openapi": "3.0.0",
  "info": {
    "title": "Usage of Renminbi Liquidity Facility",
    "description": "For more details, refer the link: https://
apidocs.hkma.gov.hk/documentation/market-data-and-statistics/daily-
monetary-statistics/usage-rmb-liquidity-fac",
    "version": "v1"
  },
  "servers": [
    {
      "url": "https://api.hkma.gov.hk/public/market-data-and-
statistics/daily-monetary-statistics",
      "variables": {}
    }
  ],
  "paths": {
    "/usage-rmb-liquidity-fac": {
      "get": {
        "summary": "Retrieve data of Usage of Renminbi Liquidity
Facility",
        "parameters": [
          {
            "name": "pagesize",
            "in": "query",
            "description": "",
            "style": "form",
            "explode": true,
            "schema": {
              "type": "integer",
              "format": "int32"
            }
          },
          {
            "name": "offset",
            "in": "query",
            "description": "",
            "style": "form",
            "explode": true,
            "schema": {
              "type": "integer",
              "format": "int32"
            }
          },
          {
            "name": "fields",
            "in": "query",
            "description": "",
            "style": "form",
            "explode": true,

```

```
    "schema": {
      "type": "string"
    }
  },
  {
    "name": "column",
    "in": "query",
    "description": "",
    "style": "form",
    "explode": true,
    "schema": {
      "type": "string"
    }
  },
  {
    "name": "filter",
    "in": "query",
    "description": "",
    "style": "form",
    "explode": true,
    "schema": {
      "type": "string"
    }
  },
  {
    "name": "choose",
    "in": "query",
    "description": "",
    "style": "form",
    "explode": true,
    "schema": {
      "type": "string"
    }
  },
  {
    "name": "from",
    "in": "query",
    "description": "",
    "style": "form",
    "explode": true,
    "schema": {
      "type": "string"
    }
  },
  {
    "name": "to",
    "in": "query",
    "description": "",
    "style": "form",
    "explode": true,
```

```

        "schema": {
            "type": "string"
        }
    },
    {
        "name": "sortby",
        "in": "query",
        "description": "",
        "style": "form",
        "explode": true,
        "schema": {
            "type": "string"
        }
    },
    {
        "name": "sortorder",
        "in": "query",
        "description": "",
        "style": "form",
        "explode": true,
        "schema": {
            "$ref": "#/components/schemas/Sortorder"
        }
    }
],
"responses": {
    "200": {
        "description": "Expected response to a valid request",
        "content": {
            "application/json": {
                "schema": {
                    "$ref": "#/components/schemas/Response"
                }
            }
        }
    },
    "500": {
        "description": "Unexcpeted error",
        "content": {
            "application/json": {
                "schema": {
                    "$ref": "#/components/schemas/ErrorResponse"
                }
            }
        }
    }
}
}
},

```

```

"components": {
  "schemas": {
    "Header": {
      "title": "Header",
      "type": "object",
      "properties": {
        "success": {
          "type": "boolean"
        },
        "err_code": {
          "type": "string"
        },
        "err_msg": {
          "type": "string"
        }
      }
    },
    "Response": {
      "title": "response",
      "type": "object",
      "properties": {
        "header": {
          "$ref": "#/components/schemas/Header"
        },
        "result": {
          "$ref": "#/components/schemas/Result"
        }
      }
    },
    "Result": {
      "title": "Result",
      "type": "object",
      "properties": {
        "datasize": {
          "type": "integer",
          "format": "int32"
        },
        "records": {
          "type": "array",
          "items": {
            "$ref": "#/components/schemas/Record"
          },
          "description": ""
        }
      }
    },
    "Record": {
      "title": "Record",
      "type": "object",
      "properties": {

```

```
"end_of_date": {
  "type": "string",
  "format": "date"
},
"intraday_repo_at_0900": {
  "type": "number"
},
"overnight_repo_at_0900": {
  "type": "number"
},
"plp_fac_at_0900": {
  "type": "number"
},
"intraday_repo_at_1100": {
  "type": "number"
},
"overnight_repo_at_1100": {
  "type": "number"
},
"plp_fac_at_1100": {
  "type": "number"
},
"intraday_repo_at_1400": {
  "type": "number"
},
"overnight_repo_at_1400": {
  "type": "number"
},
"plp_fac_at_1400": {
  "type": "number"
},
"intraday_repo_at_1600": {
  "type": "number"
},
"overnight_repo_at_1600": {
  "type": "number"
},
"plp_fac_at_1600": {
  "type": "number"
}
},
"Sortorder": {
  "title": "sortorder",
  "enum": [
    "asc",
    "desc"
  ],
  "type": "string",
  "example": "asc",
```

```
"x-enum-elements": [
  {
    "name": "asc",
    "description": ""
  },
  {
    "name": "desc",
    "description": ""
  }
],
"ErrorResponse": {
  "title": "errorResponse",
  "type": "object",
  "properties": {
    "header": {
      "$ref": "#/components/schemas/Header"
    }
  }
}
}
```