



Users' Guide

# Reporting Integration Tool Developer's Guide



## **Reporting Integration Tool Developer's Guide**

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# Getting Started

This guide provides information for Interactive Brokers clients requesting a reporting data feed from the IBKR generic reporting interface for purposes of integrating that data with third-party software. We provide, on request, reporting data for the following, each in a separate file:

- Account
- Activity
- Cash Report
- NAV
- P&L
- Position
- Security

This chapter includes the following topics:

- [Reporting Integration Process](#)
- [Reporting File Types](#)
- [Requesting a Reporting Data Feed](#)
- [File Naming Convention](#)
- [Configuring Reporting Data Files](#)
- [Transmitting Files](#)

## Reporting Integration Process

Integrating your IB reporting data with third-party software includes the following steps:

1. [Request a reporting data feed](#) from Interactive Brokers by sending an email to *reportingin-  
tegration@interactivebrokers.com*.
2. Interactive Brokers prepares the requested files.
3. The data files are transmitted to the customer via FTP. See [Transmitting Files](#) for detailed instructions.
4. You integrate the reporting data files with third-party software.

## Reporting File Types

You can choose to receive any of the following types of reporting files:

**Activity** - Contains all trade activity, transfers, dividends, etc. as of the report date.

**Positions** - Contains positions (including cash and accrual balances) as of the report date.

**Securities** - Contains detailed security information for all assets traded or held.

**Account** - Contains general account information, including Account ID, Title, etc.

**Cash Report** - Contains cash balances in total, and for the securities and futures segments of your account.

**P&L** - Contains mark-to-mark and short-term (ST) and long-term (LT) realized and unrealized profit and loss information for your account.

**NAV Report** - Contains the Net Asset Value (NAV) of all positions by asset class (stock, securities options, warrants and bonds), cash and accruals.

See [File Layouts](#) for detailed descriptions of the contents of each type of file.

## Requesting a Reporting Data Feed

When you request a reporting data feed from Interactive Brokers, your email must contain the following information:

Include the text “I would like to integrate my Interactive Brokers reporting data with \_\_\_\_\_.” Fill in the blank with the name of the software vendor.

The software vendor’s contact information.

Your Interactive Brokers Account ID.

If you are a Master Account User (for example, a Financial Advisor), include the Account IDs of all of the client and/or sub accounts for which you would like reporting data.

The [Reporting File Types](#) you are requesting.

Delivery information: Tell us how you want the files delivered. IB can host the files on its FTP site, can upload them to your FTP site, or can make them available for download. Include your PGP Public Key if you want to receive encrypted files. See [Transmitting Files](#) for detailed instructions.

**Note:** PGP encryption is required when using a plain FTP.

Selected options. See [Configuring Reporting Data Files](#) for detailed instructions.

Note that the date of the reporting data is always the last business day. Typically there is no data available for New Year's Day.

## File Naming Convention

By default, all reporting data files are text files (\*.txt). You can use a different file name extension (for example, \*.csv) as long as you include it with your configuration options. Regardless of the type of reporting file you choose to receive, the file name follows this convention:

**<AccountID>\_<FileType>\_<AsOfDate:yyyyMMdd>.txt**

where:

**<AccountID>** is your Interactive Brokers Account ID. This can be replaced by a Third-Party Account Reference, if provided. See [Configuring Reporting Data Files](#) for more information on including a Third-Party Account Reference.

**<FileType>** is the type of reporting file: Account, Activity, Positions, or Securities.

**<AsOfDate:yyyyMMdd>** is the "as of" reporting date, in the format yyyyymmdd. This is always the last business day.

### Examples

**U000000\_Activity\_20100317.txt**

This example uses an IB Account ID (U000000), Activity as the file type, and a reporting date of March 17, 2010 (20100317).

**XYZCorp\_Bookkeeping\_20100317.txt**

This example uses a Third Party Account Reference ("XYZCorp") instead of your IB Account ID, a custom value of "Bookkeeping" for the file type (instead of Activity), and a reporting date of March 17, 2010 (20100317)

## Configuring Reporting Data Files

When you request IB reporting data, you can configure the features listed below. You must include your configuration options in your request email so that we can create the files correctly.

**File Type:** You can choose one or more of these file types: Account, Activity, Cash Report, NAV, P&L, Positions, and Securities.

If you choose the Activity file, you can also include summarized trade data. You can summarize trade data by symbol - for each symbol, there will be one record for buys and one record for sells, if applicable. For advisors and brokers, client fees are also summarized at the account level.

If you choose the Positions file, you can choose an additional level of detail called Tax Lots.

**Preferred Version** - This is the version of the report fields.

**Field Delimiter** - Specify pipe or comma. If a data field contains a delimiter character, the data will be wrapped in double quotes. This option is required.

**Date Format** - Indicates how dates will appear in the report data. The default date format is *yyyymmdd* but you can specify whatever date format you prefer. For example, you could request that the date format be *mmdyyy*.

**Number Format** - Indicates how numbers will appear in the report data. The default number format is *###0.#####*.

**Third Party Account Reference** - If you provide this information, it will be used in the file names and header records instead of your IB Account ID. This option is not required.

**Include Header/Trailer Records** - Specify whether or not you want header and trailer records included in the report data. If you want header and trailer records, they will be included in ALL reporting file types.

**Include Column Header** - Specify whether or not you want column headers included in the report data files.

**Use PGP Encryption** - Specify whether or not to use PGP encryption for the reporting data files. If you choose to use PGP encryption, you must provide us with your Public Key. You must tell us if you want PGP Encryption; if you do not, your files will not be encrypted.

**File name extension** - Specify the file name extension of your data files. For example, *\*.csv*. The default value is *\*.txt*.



You do not have to request all of the above configuration options. The default value will be used for any configuration option you do not request.

Use line feed (LF) as the end-of-line character.

## Transmitting Files

Report data files can be delivered via FTP or sFTP:

We host the data files on our own Interactive Brokers plain FTP site with PGP encryption.

Tell us in your request email to *reportingintegration@interactivebrokers.com* that you would like us to host the files. We will provide you with the FTP login information.

Interactive Brokers uploads the data files to a third-party host via plain FTP with PGP encryption or sFTP.

Tell us in your request email that you would like us to upload the files to a third-party FTP site. Provide complete FTP login information with your request, including the FTP host name, username and password, and directory.

**Note:** For sFTP, we will provide the third-party with IBKR's RSA key for key based authentication and IP address to white list.

**Note:** PGP encryption is required when using a plain FTP. Provide us with your PGP Public Key in your request email.



# File Layouts

This chapter describes the layout of each reporting file. The following topics are included:

[Activity File Layout](#)

[Positions File Layout](#)

[Securities File Layout](#)

[Account File Layout](#)

[Cash Report File Layout](#)

[P&L File Layout](#)

[NAV File Layout](#)

[Asset Types](#)

[Activity Codes](#)

**Note:** The Version column in the file layout tables indicates the version number when a field first appeared.

See [Sample Files](#) in the next chapter for samples of reporting files.

## Activity File Layout

Some items in the Activity file layout are identified as configurable. For more information about configuring these items, see [Configuring Reporting Data Files](#).

### Header Record

Column	Type	Version	Comments
Record ID	Alphanumeric	1.0	H
Acct Ref	Alphanumeric	1.0	The IB account number (configurable)

Column	Type	Version	Comments
File Type	Alphanumeric	1.0	Activities (configurable)
Run Date	Alphanumeric	1.0	CCYYMMDD System Date (date format configurable)
Run Time	Alphanumeric	1.0	HH:MM:DD in 24 hour format System Clock Time
As of Date	Alphanumeric	1.0	CCYYMMDD Data On Record As-Of Date (date format configurable)
Version	Numeric	1.0	Version of the file layout used.

### Activity Record

Column	Type	Version	Comments
Type	Alphanumeric	1.0	D
AccountID	Alphanumeric	1.0	Account number
ConID	Numeric	1.0	Internal unique identifier for all asset types. Full asset information can be found in the <a href="#">Securities File Layout</a> . Empty for Asset Type CASH.
SecurityID	Alphanumeric	1.0	US Security - CUSIP Foreign security -

Column	Type	Version	Comments
			ISIN Only for applicable securities
Symbol	Alphanumeric	1.0	
BBTicker	Alphanumeric	1.91	Bloomberg ticker
BBGlobalID	Alphanumeric	1.94	Bloomberg Global ID
SecurityDescription	Alphanumeric	1.9	Description of the security
AssetType	Alphanumeric	1.0	For more information, see <a href="#">Asset Types</a> .
Currency	Alphanumeric	1.0	Currency of the asset
BaseCurrency	Alphanumeric	1.0	Base currency of the account
TradeDate	Alphanumeric	1.0	CCYYMMDD (date format configurable)
TradeTime	Alphanumeric	1.9	Time of the trade, in HH:mm:ss format
SettleDate	Alphanumeric	1.0	CCYYMMDD (date format configurable)
TransactionType	Alphanumeric	1.0	For more information, see <a href="#">Activity Codes</a> .

Column	Type	Version	Comments
Quantity	Numeric	1.0	Note the following regarding sign:  If buy 100 = 100  If sell 100 = -100  If cancel buy = 100  If cancel sell = -100
UnitPrice	Numeric	1.0	
GrossAmount	Numeric	1.0	Quantity * Price (V1.1 or earlier)  -Quantity * Price (V1.2 or later)  Note that this is a general formula and does not consider multipliers or notional price (futures), bond pricing (/100), etc.
SECFee	Numeric	1.0	
Commission	Numeric	1.0	Negative amount indicates commission charged.  Positive amount indicates commission

Column	Type	Version	Comments
			rebate.  For Forex trades, the commission is reported in base currency.
Tax	Numeric	1.0	
Net	Numeric	1.0	Total cash received or delivered.  Not included on Forex trades.
NetInBase	Numeric	1.0	Total cash received or delivered.
TradeID	Alphanumeric	1.0	Trade ID, unless cancel or correction, then it is the original Trade ID
TaxBasisElection	Alphanumeric	1.0	For trades, represents the tax basis election. Values are:  FI (First In, First Out) LIFO (Last In, First Out) ML - Maximize Losses HC - Highest

Column	Type	Version	Comments
			Cost tax lot- matching method MLG - Max- imize Long- Term gain tax lot-matching method MLL - Max- imize Long- Term loss tax lot-matching method MSG - Max- imize Short- Term gain tax lot-matching method MSL - Max- imize Short- Term loss tax lot-matching method SL - Specific Lot tax lot- matching method
Description	Alphanumeric	1.0	Activity descrip- tion
FXRateToBase	Numeric	1.1	Conversion rate from asset cur-



Column	Type	Version	Comments
			rency to base currency.
ContraPartyName	Alphanumeric	1.2	For DVP records that represent the contra broker.
ClrFirmID	Alphanumeric	1.3	For DVP records, the contra broker's ID.
Exchange	Alphanumeric	1.5	Included for trades.
MasterAccountID	Alphanumeric	1.6	The Account ID of the master account.
Van	Alphanumeric	1.6	Virtual Account Number
AwayBrokerCommission	Numeric	1.93	The away broker's commission charge.
OrderID	Alphanumeric	1.93	The IB Order ID.
ClientReference	Alphanumeric	1.95	Client note entered by cashiering.
TransactionID		1.96	

### Trailer Record

Column	Type	Version	Comments
Record ID	Alphanumeric	1.0	T
Record Count	Numeric	1.0	Including header and trailer

## Positions File Layout

Some items in the Positions file layout are identified as configurable. For more information about configuring these items, see [Configuring Reporting Data Files](#).

### Header Record

Column	Type	Version	Comments
Record ID	Alphanumeric	1.0	H
Acct Ref	Alphanumeric	1.0	The IB account number (configurable)
File Type	Alphanumeric	1.0	Positions (configurable)
Run Date	Alphanumeric	1.0	CCYYMMDD System Date (date format configurable)
Run Time	Alphanumeric	1.0	HH:MM:DD in 24 hour format System Clock Time
As of Date	Alphanumeric	1.0	CCYYMMDD Data On Record As-Of Date (date format configurable)
Version	Numeric	1.0	Version of the file layout used.

### Position Record

Column	Type	Version	Comments
Type	Alphanumeric	1.0	D for position summary, or L for tax lot

Column	Type	Version	Comments
AccountID	Alphanumeric	1.0	Account number
ConID	Numeric	1.0	Internal unique identifier for all asset types. Full asset information can be found in the <a href="#">Securities File Layout</a> .  Empty for Asset Type CASH, INTACC and DIVACC.
SecurityID	Alphanumeric	1.0	US Security - CUSIP  Foreign security - ISIN  Only for applicable securities
Symbol	Alphanumeric	1.0	Empty for Asset Type CASH, INTACC and DIVACC
BBTicker	Alphanumeric	1.91	Bloomberg ticker
BBGlobalID	Alphanumeric	1.94	Bloomberg Global ID
SecurityDescription	Alphanumeric	1.9	Description of the security
AssetType	Alphanumeric	1.0	For more information, see <a href="#">Asset Types</a> .

Column	Type	Version	Comments
Currency	Alphanumeric	1.0	Currency of the asset
BaseCurrency	Alphanumeric	1.0	Base currency of the account
Quantity	Numeric	1.0	Note the following regarding sign:  If Long 100=100  If Short 100=-100
QuantityInBase	Numeric	1.0	Applies only for Asset Type CASH  As of Trade Date. Positive quantity indicates long; negative quantity indicates short.
CostPrice	Numeric	1.0	Average cost price in currency of the asset
CostBasis	Numeric	1.0	Cost basis in the currency of the asset
CostBasisInBase	Numeric	1.0	Cost basis in the base currency of the account
MarketPrice	Numeric	1.0	Current market price in the currency of the asset
MarketValue	Numeric	1.0	Current market value in the currency of the asset

Column	Type	Version	Comments
MarketValueInBase	Numeric	1.0	Current market value in the base currency of the account
OpenDateTime	Alphanumeric	1.0	For tax lot rows, the open date and time. Only applies to tax lot rows.
FxRateToBase	Numeric	1.1	Conversion rate from asset currency to base currency.
ReportDate	Alphanumeric	1.4	CCYYMMDD Data On Record As-Of Date (date format configurable)
SettledQuantity	Numeric	1.5	Populated for cash records only.
SettledQuantityInBase	Numeric	1.5	Populated for cash records only.
MasterAccountID	Alphanumeric	1.6	Account ID of the master account.
Van	Alphanumeric	1.6	Virtual Account Number
AccruedInt	Numeric	1.93	The amount of interest accrued on bonds. Populated for the BOND asset category where available.
OriginatingOrderID	Numeric	1.94	Order ID of the ori-

Column	Type	Version	Comments
			ginating order
Multiplier	Numeric	1.96	
INSDEP	Numeric	1.97	Insured Bank Sweep Deposit Program by currency  <b>Note:</b> Limited to version 1.97.
INSDEPACC	Numeric	1.97	Insured Bank Deposit Sweep Program interest accruals by currency  <b>Note:</b> Limited to version 1.97.

#### Trailer Record

Column	Type	Version	Comments
Record ID	Alphanumeric	1.0	T
Record Count	Numeric	1.0	Including header and trailer

## Securities File Layout

Some items in the Securities file layout are identified as configurable. For more information about configuring these items, see [Configuring Reporting Data Files](#).

**Header Record**

Column	Type	Version	Comments
Record ID	Alphanumeric	1.0	H
Acct Ref	Alphanumeric	1.0	The IB account number (configurable)
File Type	Alphanumeric	1.0	Securities (configurable)
Run Date	Alphanumeric	1.0	CCYYMMDD System Date (date format configurable)
Run Time	Alphanumeric	1.0	HH:MM:DD in 24 hour format System Clock Time
As of Date	Alphanumeric	1.0	CCYYMMDD Data On Record As-Of Date (date format configurable)
Version	Numeric	1.0	Version of the file layout used.

**Security Record**

Column	Type	Version	Comments
Type	Alphanumeric	1.0	D
ConID	Numeric	1.0	Internal unique identifier for all asset types.
AssetType	Alphanumeric	1.0	For more information, see <a href="#">Asset Types</a> .
SecurityID	Alphanumeric	1.0	US Security - CUSIP

Column	Type	Version	Comments
			Foreign security - ISIN  Only for applicable securities
Symbol	Alphanumeric	1.0	
BBTicker	Alphanumeric	1.91	Bloomberg ticker
BBTickerAndExchangeCode	Alphanumeric	1.91	Bloomberg ticker + exchange code
BBGlobalID	Alphanumeric	1.94	Bloomberg Global ID
Description	Alphanumeric	1.0	Security Name
UnderlyingSymbol	Alphanumeric	1.0	For derivatives
UnderlyingCategory	Alphanumeric	1.97	For derivatives
UnderlyingSecurityID	Alphanumeric	1.97	For derivatives
UnderlyingPrimaryExchange	Alphanumeric	1.97	For derivatives
UnderlyingConID	Alphanumeric	1.98	For derivatives
Multiplier	Numeric	1.0	
ExpirationDate	Alphanumeric	1.0	CCYYMMDD Option or Future expiration date (date format configurable)
OptionType	Alphanumeric	1.0	P for Put, C for Call



Column	Type	Version	Comments
OptionStrike	Numeric	1.0	Strike price
MaturityDate	Alphanumeric	1.0	Bond maturity date
IssueDate	Alphanumeric	1.0	Note issue date
PrimaryExchange	Alphanumeric	1.96	The exchange the security is listed on (stocks only).
Currency	Alphanumeric	1.96	
SubCategory	Alphanumeric	1.97	Available for stocks
Issuer	Alphanumeric	1.98	Security issuer

#### Trailer Record

Column	Type	Version	Comments
Record ID	Alphanumeric	1.0	T
Record Count	Numeric	1.0	Including header and trailer

## Account File Layout

Some items in the Account file layout are identified as configurable. For more information about configuring these items, see [Configuring Reporting Data Files](#).

#### Header Record

Column	Type	Version	Comments
Record ID	Alphanumeric	1.0	H

Column	Type	Version	Comments
Acct Ref	Alphanumeric	1.0	The IB account number (configurable)
File Type	Alphanumeric	1.0	Account (configurable)
Run Date	Alphanumeric	1.0	CCYYMMDD System Date (date format configurable)
Run Time	Alphanumeric	1.0	HH:MM:DD in 24 hour format System Clock Time
As of Date	Alphanumeric	1.0	CCYYMMDD Data On Record As-Of Date (date format configurable)
Version	Numeric	1.0	Version of the file layout used.

### Account Record

Column	Type	Version	Comments
Type	Alphanumeric	1.0	D
AccountID	Alphanumeric	1.0	Account number
AccountTitle	Alphanumeric	1.0	Full account title
Street	Alphanumeric	1.0	Street address
Street2	Alphanumeric	1.0	Additional street address
City	Alphanumeric	1.0	City
State	Alphanumeric	1.0	State
Zip	Alphanumeric	1.0	Postal code
Country	Alphanumeric	1.0	Country

Column	Type	Version	Comments
AccountType	Alphanumeric	1.0	Account Type
CustomerType	Alphanumeric	1.0	Customer Type
BaseCurrency	Alphanumeric	1.0	Base Currency
MasterAccountID	Alphanumeric	1.6	
Van	Alphanumeric	1.6	Virtual Account Number
Capabilities	Alphanumeric	1.7	Account Capabilities: Cash, Margin, Portfolio Margin
TradingPermissions	Alphanumeric	1.7	Asset class  <b>Note:</b> Excluded from versions 1.98 and above.
Alias	Alphanumeric	1.8	Account alias
PrimaryEmail	Alphanumeric	1.9	Email address
DateOpened	Alphanumeric	1.92	Date account was opened (date format configurable)
DateClosed	Alphanumeric	1.92	Date account was closed (date format configurable)
DateFunded	Alphanumeric	1.98	Date account was funded (date format configurable)
IBExecution	Alphanumeric	1.97	
IBPrime	Alphanumeric	1.97	
AccountRepresentative	Alphanumeric	1.98	Account Rep-

Column	Type	Version	Comments
			resentative

### Trailer Record

Column	Type	Version	Comments
Record ID	Alphanumeric	1.0	T
Record Count	Numeric	1.0	Including header and trailer

## Cash Report File Layout

This optional file type contains cash balances in total, and for the securities and futures segments of your account. This information is similar to what is displayed in the Cash Report section of activity statements.

### Header Record

Column	Type	Version	Comments
Record ID	Alphanumeric	1.0	H
Acct Ref	Alphanumeric	1.0	The IB account number (configurable)
File Type	Alphanumeric	1.0	Account (configurable)
Run Date	Alphanumeric	1.0	CCYYMMDD System Date (date format configurable)
Run Time	Alphanumeric	1.0	HH:MM:DD in 24 hour format System Clock Time
As of Date	Alphanumeric	1.0	CCYYMMDD Data On Record As-Of Date (date format configurable)
Version	Numeric	1.0	Version of the file layout

Column	Type	Version	Comments
			used.

### Cash Report Record

Column	Type	Version	Comments
Type	Alphanumeric	1.0	D
AccountID	Alphanumeric	1.0	Account number
ReportDate		1.96	
Currency	Alphanumeric	1.0	Currency
BaseSummary	Alphanumeric	1.0	Is this your base currency (Y or N)
Label	Alphanumeric	1.0	Description of the item. This matches the line labels in an activity statement.
Total	Numeric	1.0	Total cash balance of your account.
Securities	Numeric	1.0	Cash balance in the Securities segment of your account.
Futures	Numeric	1.0	Cash balance in the Futures (Commodities) section of your account.
IBUKL	Numeric	1.0	Cash balance in your IB-UKL account.

### Trailer Record

Column	Type	Version	Comments
Record ID	Alphanumeric	1.0	T
Record Count	Numeric	1.0	Including header and trailer

## P&L File Layout

This optional file includes mark-to-mark and short-term (ST) and long-term (LT) realized and unrealized profit and loss information for your account.

### Header Record

Column	Type	Version	Comments
Record ID	Alphanumeric	1.0	H
Acct Ref	Alphanumeric	1.0	The IB account number (configurable)
File Type	Alphanumeric	1.0	PL
Run Date	Alphanumeric	1.0	CCYYMMDD System Date (date format configurable)
Run Time	Alphanumeric	1.0	HH:MM:DD in 24 hour format System Clock Time
As of Date	Alphanumeric	1.0	CCYYMMDD Data On Record As-Of Date (date format configurable)
Version	Numeric	1.0	Version of the file layout used.

## PL Record

Column	Type	Version	Comments
AccountID	Alphanumeric	1.0	Account number
InternalAssetID	Numeric	1.0	Internal unique ID for the asset type.
SecurityID	Alphanumeric	1.0	US Security - CUSIP  Foreign security - ISIN  Only for applicable securities
Symbol	Alphanumeric	1.0	
BBTicker	Alphanumeric	1.91	Bloomberg ticker
BBGlobalID	Alphanumeric	1.94	Bloomberg Global ID
SecurityDescription	Alphanumeric	1.0	Security name
AssetType	Alphanumeric	1.0	For more information, see <a href="#">Asset Types</a> .
Currency	Alphanumeric	1.0	Currency of the asset
ReportDate	Alphanumeric	1.0	CCYYMMDD (date format configurable)
PositionMTM	Numeric	1.0	Position mark-to-market profit or loss in local cur-

Column	Type	Version	Comments
			rency
PositionMTMInBase	Numeric	1.0	Position mark-to-market profit or loss in base currency
TransactionMTM	Numeric	1.0	Transaction mark-to-market profit or loss in local currency
TransactionMTMInBase	Numeric	1.0	Transaction mark-to-market profit or loss in base currency
RealizedST	Numeric	1.0	Realized short-term profit or loss in local currency
RealizedSTInBase	Numeric	1.0	Realized short-term profit or loss in base currency
RealizedLT	Numeric	1.0	Realized long-term profit or loss in local currency
RealizedLTInBase	Numeric	1.0	Realized long-term profit or loss in base currency
UnrealizedST	Numeric	1.0	Unrealized short-term profit or loss in local currency
UnrealizedSTInBase	Numeric	1.0	Unrealized short-



Column	Type	Version	Comments
			term profit or loss in base currency
UnrealizedLT	Numeric	1.0	Unrealized long-term profit or loss in local currency
UnrealizedLTInBase	Numeric	1.0	Unrealized long-term profit or loss in base currency

### Trailer Record

Column	Type	Version	Comments
Record ID	Alphanumeric	1.0	T
Record Count	Numeric	1.0	Including header and trailer

## NAV File Layout

Some items in the Activity file layout are identified as configurable. For more information about configuring these items, see [Configuring Reporting Data Files](#).

### Header Record

Column	Type	Version	Comments
Record ID	Alphanumeric	1.0	H
Acct Ref	Alphanumeric	1.0	The IB account number (configurable)
File Type	Alphanumeric	1.0	NAV (configurable)

Column	Type	Version	Comments
Run Date	Alphanumeric	1.0	CCYYMMDD System Date (date format configurable)
Run Time	Alphanumeric	1.0	HH:MM:DD in 24 hour format System Clock Time
As of Date	Alphanumeric	1.0	CCYYMMDD Data On Record As-Of Date (date format configurable)
Version	Numeric	1.0	Version of the file layout used.

### NAV Record

Column	Type	Version	Comments
Type	Alphanumeric	1.0	D
AccountID	Alphanumeric	1.0	Account number
BaseCurrency	Alphanumeric	1.0	Base currency of the account
Cash	Numeric	1.0	The total amount of cash as of the report date.
CashCollateral	Numeric	1.0	The total

Column	Type	Ver- sion	Com- ments
			amount of SLB cash collateral as of the report date.
Stocks	Numeric	1.0	The total amount of stock as of the report date.
SecuritiesBorrowed	Numeric	1.0	The total amount of SLB direct securities borrowed as of the report date.
SecuritiesLent	Numeric	1.0	The total amount of SLB direct securities lent as of the report date.
Options	Numeric	1.0	The total amount of options as of the

Column	Type	Ver- sion	Com- ments
			report date.
Bonds	Numeric	1.0	The total amount of bonds as of the report date.
Commodities	Numeric	1.0	The total amnt of commodities as of the report date.
Funds	Numeric	1.0	The total amount of funds as of the report date.
Notes	Numeric	1.0	The total amount of notes as of the report date.
Accruals	Numeric	1.0	The total amount of interest

Column	Type	Ver- sion	Com- ments
			accruals as of the report date.
DividendAccruals	Numeric	1.0	The total amount of dividend accruals as of the report date.
SoftDollars	Numeric	1.0	The total amount of soft dollars as of the report date.
InsuredBankDepositSweepProgram	Numeric	1.97	The amount of funds in the Insured Bank Deposit Sweep program as of the report date.  <b>Note:</b> Limited to

Column	Type	Ver- sion	Com- ments
			version 1.97.
InsuredBankDe- positSweepProgramIntAccruals	Numeric	1.97	The amount of interest accrued in the Bank Deposit Sweep program as of the report date.  <b>Note:</b> Limited to version 1.97.
Totals	Numeric	1.0	The total NAV as of the report date.
TWR	Numeric	1.94	Time-weighted return.
ForexUnrealizedPL	Numeric	1.98	Forex Unrealized Profit and Loss
IPOSubscription	Numeric	1.98	Initial Public Offer-

Column	Type	Version	Comments
			ing subscription amount

### Trailer Record

Column	Type	Version	Comments
Record ID	Alphanumeric	1.0	T
Record Count	Numeric	1.0	Including header and trailer

## Asset Types

The following table lists all of the asset types referenced in the Activity, Positions, and Securities file layouts.

Code	Version	Description
BILL	1.0	Treasury Bills
BOND	1.0	Bonds (includes corporate and municipal)
CASH	1.0	Forex
CMDTY	1.0	Gold or silver (Metals)
DIVACC	1.1	Dividend Accrual Balance
FOP	1.0	Future Options
FSFOP	1.0	Options on Futures (Futures Style)
FSOPT	1.0	Options (Futures Style)
FUND	1.0	Mutual Funds

Code	Version	Description
FUT	1.0	Futures
FXFWD	1.0	FX Forwards
IBGNOTE	1.0	IB Notes
INTACC	1.1	Interest Accrual Balance
IOTP	1.0	Structured Products
OPT	1.0	Equity and Index Options
STK	1.0	Stocks (includes ADR, ETF)
WAR	1.0	Warrants

## Activity Codes

The following table lists all of the activity codes referenced in the Activity file layouts.

Code	Version	Description
ADJ	1.0	Adjustments, including: <ul style="list-style-type: none"> <li>Client Fees</li> <li>Commission Adjustments</li> <li>Option Cash Settlements</li> </ul>
ASSIGN	1.0	Assignment
BUY	1.0	Buy
CA	1.0	Cancel
CINT	1.0	Credit Interest on cash balances
CO	1.0	Correct
CORP	1.0	Corporate Actions including splits, mergers, acquisitions, etc.  Summary of the corporate action will be



Code	Version	Description
		include in the Description field
COVER	1.0	Cover Short
DEL	1.0	Transfer of Securities (outgoing)
DEP	1.0	Deposit of Funds (including cash transferred in)
DINT	1.0	Debit Interest on cash balances and hard to borrow fees
DIV	1.0	Dividends
DIVACC	1.1	Dividend Accrual Activity
DIVR	1.0	Dividend Reinvestment
DVPCA	1.2	Cancelled DVP
DVPIN	1.2	Incoming DVP
DVPOUT	1.2	Outgoing DVP
EXE	1.0	Exercise
EXP	1.0	Expire
FRTAX	1.0	Foreign Tax Withholding
INSDEPXFR	1.97	Insured Deposit Transfer
INTACC	1.1	Interest Accrual Activity
INTP	1.0	Investment Interest Paid (from Bonds, Notes)
INTR	1.0	Investment Interest Received (from Bonds, Notes)
MFEE	1.0	Management Fee
OFEE	1.0	Other Fees including market data, order cancellations, etc.

Code	Version	Description
PIL	1.0	Payment in Lieu of Dividends
REC	1.0	Receipt of Securities (incoming)
SCOM	1.0	Settled Commission
SELL	1.0	Sell
SHORT	1.0	Sell Short
STAX	1.0	Sales Tax (Canada PST/GST/HST)
TTAX	1.0	Transaction tax records that are reported separately from trades (i.e., daily trading charges).
WITH	1.0	Withdrawal of Funds (including cash transferred out)

# Sample Files

This chapter includes a sample of each type of reporting file. The following samples are included:

[Account File Sample](#)

[Activity File Sample](#)

[Cash Report File Sample](#)

[NAV File Sample](#)

[P&L File Sample](#)

[Positions File Sample](#)

[Securities File Sample](#)

Because of the limitations of the page size in this document, line breaks appear in the file samples where they would not appear in your actual reporting files. In your actual files, the lines will not break as shown on these pages.

## Account File Sample

```

H          U000001 Account 20180801          10:03:01          20180514          1
H          U000001 Account 20180801          10:03:01          20180514          1
D          U000001 Test    101 Test Rd          Test    CA          90212    Un
tution Master Partnership    USD          Portfolio Margin, I
Test@gmail.com 20140220          20140221
T          4

```

## Activity File Sample

```

H          U000001 Activity          20180801          10:03:01          20180514

```

Type	AccountID	ConID	SecurityID	Symbol	BBTicker	BE				
ityDescription	AssetType	Currency	BaseCurrency	TradeDate	SettleDate	TransactionType	Quantity	UnitPrice	Gr	
Commission	Tax	Net	NetInBase	TradeID	TaxBasisElection	Van	AwayBrokerCommission	OrderID	ClientReference	TransactionID
FXRateToBase	ContraPartyName	ClrFirmID	Exchange	MasterAcco	OrderID	ClientReference	TransactionID			
D	U000001	269745169		ESM8		ES	15JUN18			
20180514	ADJ	0	0	2250	0	0	0	0	22	
D	U000001	43661924	73935A104	QQQ		PO				
STK	USD	USD	20180514	11:44:54	20180516	SE				
1.8102626	0	34044.18974	34044.18974	2108595112		FI				
POWERSHARES QQQ TRUST SERIES				1		DRCTEDGE				
9010635290										
"D", "U000001", "16656002", "831756101", "SWHC", "STK", "USD", "EUR", "201-										
00329", "20100401", "SELL", "-100", "3.89", "-389", "0", "-										
4", "0", "385", "285.6007", "405366568", "FI", "TRADE SMITH & WESSON										
HOLDING CORP"										
T	70									

## Cash Report File Sample

H	AccountID	CashReport	ReportDate	Currency	BaseSummary	La
Type	AccountID	ReportDate	Currency	BaseSummary	La	
ities	Futures	IBUKL				
D	U000001	20180514	USD	Y	Starting Cash	2138971.63
764429.69	0					

```
D      U000001 20180514      USD      Y      Commissions      -1025.1035
459.1  0
```

## NAV File Sample

```
H      U000001 NAV      20180801      10:03:02      20180514      1

Type      AccountID      BaseCurrency      Cash      CashCollateral      Stocks      Se
itiesBorrowed      SecuritiesLent      Options      Bonds      Commodities      Funds      No
      Accruals      DividendAccruals      SoftDollars      Totals      TW
ForexCFDUnrealizedPL      IPOSubscription

D      U000001 USD      3290021.047      1194746 131578.29      0      -1
      0      0      0      -3665.444604      1200      0      3213087.19

T      4
```

## P&L File Sample

```
H      U000001 PL      20180801      10:03:02      20180514      1

AccountID      InternalAssetID      SecurityID      Symbol      BBTicker      BE
SecurityDescription      AssetType      Currency      ReportDate      Po
itionMTMInBase      TransactionMTM      TransactionMTMInBase      RealizedST      Re
izedSTInBase      RealizedLT      RealizedLTInBase      UnrealizedST
UnrealizedSTInBase      UnrealizedLT      UnrealizedLTInBase

U000001 55679438      25459W888      ERX      ERX      BBG000JLH8F0      DJ
ENERGY BUL 3X      STK      USD      20180514      -4241.3 -4241.3 0      0
65757.79657      -65757.79657      0      0

"D", "U000001", "37036548", "DE000A0F6MD5", "PRA", "STK", "EUR", "EUR", "2-
0100329", "20100331", "SELL", "-300", "7.776", "-2332.8", "0", "-
```

```
6", "0", "2326.8", "2326.8", "405346125", "FI", "TRADE PRAKTIKER BAU-UND
HEIMWERK A"
```

## Positions File Sample

```
H          U000001 Position          20180801          10:03:01          20180514

Type      AccountID      ConID      SecurityID      Symbol      BBTicker      BE
ityDescription  AssetType      Currency      BaseCurrency      Quantity
ityInBase      CostPrice      CostBasis      CostBasisInBase  MarketPrice
MarketValue      MarketValueInBase      OpenDateTime      FxRateToBase      Re
          SettledQuantity  SettledQuantityInBase  MasterAccountID  Van
AccruedInt      OriginatingOrderID      Multiplier

D          U000001 242140455      25490K133      DUST      DUST      BBG0019YYF
DAILY GOLD MINERS I      STK      USD      USD      -6700      0      27.4352918
183816.4556      22.9      -153430 -153430      1      20180514      0
"D", "I000000", "", "", "", "CASH", "USD", "EUR", "38437.9601", "28514.0475-
", "0", "0", "0", "0", "0", "0", ""

T          40
```

## Securities File Sample

```
H          U000001 Security          20180801          10:03:02          20180514

Type      ConID      AssetType      SecurityID      Symbol      BBTicker      BE
erAndExchangeCode      BBGlobalID      Description      UnderlyingSymbol
ingCategory      UnderlyingSecurityId      UnderlyingPrimaryExchange
```

UnderlyingConID	Multiplier	ExpirationDate	OptionType	OptionStr
MaturityDate	IssueDate	PrimaryExchange	Currency	SubCategor
D	15547841	STK	464287432	TLT TLT TLT US BE
YEAR TREASURY BO				1
D	202915596	STK	25490K539	FAZ FAZ FAZ US BE
DAILY FINL BEAR 3X				1
T	36			





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