



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 IB generic reporting interface for purposes of integrating that data with third-party software. We provide, on request, reporting data for Activity, Positions, Securities and Account information, each in a separate file.

The information in this guide pertains to new reporting data feeds NOT listed on the Third-Party Integration page of our website,.

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 *reportingintegration@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.

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 Christmas Day and 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: Activity, Positions, Securities and Account.

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. The default is 1.0. As we update our report fields, the Version will also be updated (for example, 1.0 will be updated to 1.1).

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 downloaded from Account Management.

If you choose FTP, you have two choices:

We host the data files on our own Interactive Brokers FTP site.

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 your FTP site.

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

We strongly recommend that you request PGP Encryption to protect your data files. If you select this option, provide us with your PGP Public Key in your request email.

If you request delivery of report data files as downloadable files, the files will be available from the Activity Downloads page, which you access from the Report Management menu in Account Management.

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 Securities File Layout . 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 | Empty for Asset Type CASH |
| 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 Asset Types . |
| 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 Activity Codes . |

| 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. For Futures and CFDs, this is the transaction MTM. |
| NetInBase | Numeric | 1.0 | Total cash received or delivered. For Futures and CFDs, this is the transaction MTM. |
| 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: |

| Column | Type | Version | Comments |
|--------|------|---------|--|
| | | | FI (First In, First Out) LIFO (Last In, First Out) ML - Max- imize Losses HC - Highest 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 |

| Column | Type | Version | Comments |
|----------------------|--------------|---------|---|
| | | | Lot tax lot-matching method |
| Description | Alphanumeric | 1.0 | Activity description |
| FXRateToBase | Numeric | 1.1 | Conversion rate from asset currency 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 |
| 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 Securities File Layout . 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 |

| Column | Type | Version | Comments |
|-----------------|--------------|---------|--|
| | | | security |
| AssetType | Alphanumeric | 1.0 | For more information, see Asset Types . |
| 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 |

| Column | Type | Version | Comments |
|-----------------------|--------------|---------|---|
| | | | in the currency of the asset |
| MarketValue | Numeric | 1.0 | Current market value in the currency of the asset |
| 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 |

| Column | Type | Version | Comments |
|--------------------|---------|---------|--|
| | | | bonds. Populated for the BOND asset category where available. |
| OriginatingOrderID | Numeric | 1.94 | Order ID of the originating order |
| Multiplier | Numeric | 1.96 | |
| INSDEP | Numeric | 1.97 | Insured Bank Sweep Deposit Program by currency |
| INSDEPACC | Numeric | 1.97 | Insured Bank Deposit Sweep Program interest accruals by currency |

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 Asset Types . |
| SecurityID | Alphanumeric | 1.0 | US Security - CUSIP |

| Column | Type | Version | Comments |
|---------------------------|--------------|---------|---|
| | | | Foreign security - ISIN Only for applicable securities |
| Symbol | Alphanumeric | 1.0 | Empty for Asset Type CASH |
| 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 |
| BBTicker | Alphanumeric | 1.91 | Bloomberg ticker |
| BBTickerAndExchangeCode | Alphanumeric | 1.91 | Bloomberg ticker + exchange code |
| BBGlobalID | Alphanumeric | 1.94 | Bloomberg Global ID |
| 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 |

| Column | Type | Version | Comments |
|-----------------|--------------|---------|---|
| | | | Call |
| 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 |

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, Reg T Margin, Portfolio Margin |
| TradingPermissions | Alphanumeric | 1.7 | Asset class |
| 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) |

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 used. |

Cash Report Record

| Column | Type | Version | Comments |
|------------|--------------|---------|----------------|
| Type | Alphanumeric | 1.0 | D |
| AccountID | Alphanumeric | 1.0 | Account number |
| ReportDate | | 1.96 | |

| Column | Type | Version | Comments |
|--------------------------------|--------------|---------|---|
| Currency | Alphanumeric | 1.0 | Currency |
| BaseSummary | Alphanumeric | 1.0 | Is this your base currency (Y or N) |
| Change in Insured Bank Deposit | Numeric | 1.0 | Changes in amount swept in Insured Bank Deposit Program by currency. |
| 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 IBUKL 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. |

| Column | Type | Version | Comments |
|---------------------|--------------|---------|--|
| SecurityID | Alphanumeric | 1.0 | US Security - CUSIP Foreign security - ISIN Only for applicable securities |
| Symbol | Alphanumeric | 1.0 | Empty for asset type CASH |
| 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 Asset Types . |
| 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 currency |
| PositionMTMInBase | Numeric | 1.0 | Position mark-to-market profit or loss in base cur- |

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

| Column | Type | Version | Comments |
|--------------------|---------|---------|--|
| | | | 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) |
| Run Date | Alphanumeric | 1.0 | CCYYMMDD System Date (date format configurable) |
| Run Time | Alphanumeric | 1.0 | HH:MM:DD in 24 hour |

| Column | Type | Version | Comments |
|------------|--------------|---------|---|
| | | | 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 amount of SLB cash collateral as of the report |

| Column | Type | Ver- sion | Com- ments |
|--------------------|---------|--------------|---|
| | | | 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 report date. |
| Bonds | Numeric | 1.0 | The total amount of |

| Column | Type | Ver- sion | Com- ments |
|-------------|---------|--------------|--|
| | | | 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 accruals as of the report date. |

| Column | Type | Ver- sion | Com- ments |
|--|---------|--------------|--|
| 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. |
| InsuredBankDe- positSweepProgramIntAccruals | Numeric | 1.97 | The amount of interest accrued in the Bank Deposit |

| Column | Type | Version | Comments |
|--------|---------|---------|--------------------------------------|
| | | | Sweep program as of the report date. |
| Totals | Numeric | 1.0 | The total NAV as of the report date. |
| TWR | Numeric | 1.94 | Time-weighted return. |

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) |

| Code | Version | Description |
|---------|---------|------------------------------------|
| CASH | 1.0 | Forex |
| CFD | 1.0 | Contracts for Differences |
| 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 |
| 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: Client Fees Commission Adjustments Option Cash Settlements |

| Code | Version | Description |
|--------|---------|---|
| | | Position MTM (Futures, CFDs) Price Adjustments (Futures, CFDs) |
| ASSIGN | 1.0 | Assignment |
| BUY | 1.0 | Buy |
| CA | 1.0 | Cancel |
| CFD | 1.0 | CFD Interest and Fees |
| 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 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 |

| Code | Version | Description |
|-----------|---------|---|
| 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. |
| 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:

[Activity File Sample](#)

[Positions File Sample](#)

[Securities File Sample](#)

[Account 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.

Activity File Sample

```
"H","I000000","Activity","20100407","16:02:38","20100329","1.0"

"D","I000000","","","CAD","EUR","20100329","20100329","WITH","0","0","-14.88","0","0","0","-14.88","-10.8158","","","CASH TRANSFER (INTERNAL)"

"D","I000000","","","AUD","EUR","20100328","20100328","ADJ","0","0","4","0","0","0","4","2.7211","","","CLIENT FEE (U000001, Commission)"

"D","U000001","37036548","DE000A0F6MD5","PRA","STK","EUR","EUR","20100329","20100331","SELL","-300","7.776","-2332.8","0","-6","0","2326.8","2326.8","405346125","FI","TRADE PRAKTIKER BAU-UND HEIMWERK A"

"D","U000001","16656002","831756101","SWHC","STK","USD","EUR","20100329","20100401","SELL","-100","3.89","-389","0","-4","0","385","285.6007","405366568","FI","TRADE SMITH & WESSON HOLDING CORP"

"D","U000002","57540389","00211Y100","ABIO","STK","USD","EUR","20100329","20100401","BUY","200","5.63","1126","0","-4","0","-1130","-838.2566","405884065","","TRADE ARCA BIOPHARMA INC"
```


"D","U000006","70593545","","WFS
120121P00017000","OPT","USD","EUR","20100329","20100330","BUY","7","2.98","2086","0","-
24.5","0","-2110.5","-1565.6111","405634798","","TRADE XLF 21JAN12 17 P"

"D","U000006","12087792","","EUR.USD","CASH","USD","EUR","20100329","20100331","SELL","-
3000","1.35","4050","0","-3.7269","0","0","0","405332983","","TRADE EUR.USD"

"D","U000006","4656","035128206","AU","STK","USD","EUR","20100329","20100329","DIV","0","0","3.
7","0","0","0","3.7","2.7447","","","AU(US0351282068) DIVIDEND .094957 USD PER SHARE (Ordinary
Dividend)"

"D","U000007","32923757","361652209","GFIG","STK","USD","EUR","20100329","20100329","DIV","0",
"0","4","0","0","0","4","2.9673","","","GFIG(US3616522096) DIVIDEND .05 USD PER SHARE (Ordinary
Dividend)"

"D","U000007","32923757","361652209","GFIG","STK","USD","EUR","20100329","20100329","FRTAX"
,"0","0","-0.6","0","0","0","-0.6","-0.4451","","","GFIG(US3616522096) DIVIDEND .05 USD PER SHARE -
US TAX"

"D","U000007","4173010","269246104","ETFC","STK","USD","EUR","20100329","20100329","REC","4
500","1.1498","6975","0","0","0","0","0","","","TRANSFER E*TRADE FINANCIAL CORPORATION"

"T","24"

Positions File Sample

"H","I000000","Position","20100407","16:02:38","20100329","1.0"

"D","I000000","","","","CASH","CAD","EUR","11858.472","8619.5675","0","0","0","0","0","0",""

"D","I000000","","","","CASH","EUR","EUR","34328.9193","34328.9193","0","0","0","0","0","0",""

"D","I000000","","","","CASH","USD","EUR","38437.9601","28514.0475","0","0","0","0","0","0",""

"D","U000001","8819098","DE0005103006","ADV","STK","EUR","EUR","1250","0","3.6249","4531.0874
","4531.0874","4.05","5062.5","5062.5",""

"L","U000001","8819098","DE0005103006","ADV","STK","EUR","EUR","361","0","3.8711","1397.455",
1397.455","4.05","1462.05","1462.05","20100324"

"L","U000001","8819098","DE0005103006","ADV","STK","EUR","EUR","79","0","3.8953","307.7321","307.7321","4.05","319.95","319.95","20100324"

"L","U000001","8819098","DE0005103006","ADV","STK","EUR","EUR","295","0","3.5001","1032.5203","1032.5203","4.05","1194.75","1194.75","20100322"

"L","U000001","8819098","DE0005103006","ADV","STK","EUR","EUR","112","0","3.5172","393.9239","393.9239","4.05","453.6","453.6","20100322"

"L","U000001","8819098","DE0005103006","ADV","STK","EUR","EUR","403","0","3.4726","1399.4561","1399.4561","4.05","1632.15","1632.15","20100319"

"D","U000001","13605597","DE0005493092","BVB","STK","EUR","EUR","3635","0","1.1612","4220.9671","4220.9671","1.15","4180.25","4180.25",""

"L","U000001","13605597","DE0005493092","BVB","STK","EUR","EUR","661","0","1.1629","768.6877","768.6877","1.15","760.15","760.15","20100326"

"L","U000001","13605597","DE0005493092","BVB","STK","EUR","EUR","1965","0","1.1603","2279.9077","2279.9077","1.15","2259.75","2259.75","20100326"

"L","U000001","13605597","DE0005493092","BVB","STK","EUR","EUR","1009","0","1.1619","1172.3717","1172.3717","1.15","1160.35","1160.35","20100326"

"D","U000002","71772004","","C CBK APR 10 620","OPT","EUR","EUR","-1","0","0.17","-17","-17","0.42","-42","-42",""

"L","U000002","71772004","","C CBK APR 10 620","OPT","EUR","EUR","-1","0","0.17","-17","-17","0.42","-42","-42","20100312"

"D","U000002","71778947","","C INN APR 10 740","OPT","EUR","EUR","-1","0","0.18","-18","-18","0.21","-21","-21",""

"L","U000002","71778947","","C INN APR 10 740","OPT","EUR","EUR","-1","0","0.18","-18","-18","0.21","-21","-21","20100325"

"D","U000003","37451201","916896103","UEC","STK","USD","EUR","900","0","3.5139","3162.5","2346.0058","3.22","2898","2149.7944",""

"L","U000003","37451201","916896103","UEC","STK","USD","EUR","200","0","3.225","645","478.4739",
 "3.22","644","477.7321","20100126"

"L","U000003","37451201","916896103","UEC","STK","USD","EUR","100","0","3.205","320.5","237.753
 3","3.22","322","238.866","20100126"

"L","U000003","37451201","916896103","UEC","STK","USD","EUR","100","0","3.7","370","274.4734","3.
 22","322","238.866","20091013"

"L","U000003","37451201","916896103","UEC","STK","USD","EUR","200","0","3.6525","730.5","541.89
 95","3.22","644","477.7321","20091013"

"L","U000003","37451201","916896103","UEC","STK","USD","EUR","100","0","3.655","365.5","271.135
 2","3.22","322","238.866","20091013"

"L","U000003","37451201","916896103","UEC","STK","USD","EUR","100","0","3.655","365.5","271.135
 2","3.22","322","238.866","20091013"

"L","U000003","37451201","916896103","UEC","STK","USD","EUR","100","0","3.655","365.5","271.135
 2","3.22","322","238.866","20091013"

"D","U000004","68734498","","FDAX JUN 10","FUT","EUR","EUR",-10,"0","6038.42",-1509605",-
 1509605","6166.5",-1541625",-1541625",""

"L","U000004","68734498","","FDAX JUN 10","FUT","EUR","EUR",-10,"0","6038.42",-1509605",-
 1509605","6166.5",-1541625",-1541625","20100319"

"D","U000004","57634104","DE000TB2SNG3","TB2SNG","WAR","EUR","EUR","1000","0","1.758","175
 8","1758","0.67","670","670",""

"L","U000004","57634104","DE000TB2SNG3","TB2SNG","WAR","EUR","EUR","1000","0","1.758","175
 8","1758","0.67","670","670","20090604"

"T","31"

Securities File Sample

"H","I000000","Security","20100407","16:02:39","20100329","1.0"

"D","4005","STK","013817101","AA","ALCOA INC","","1","","",""

"D","4044","STK","023139108","ABK","AMBAC FINANCIAL GROUP INC",,","1",,"",,"",,"",,""

"D","4065","STK","002824100","ABT","ABBOTT LABORATORIES",,","1",,"",,"",,"",,""

"D","14106","STK","DE0005439004","CON","CONTINENTAL AG O.N.",,","1",,"",,"",,"",,""

"D","14121","STK","DE0005140008","DBK","DEUTSCHE BANK AG NA O.N.",,","1",,"",,"",,"",,""

"D","14130","STK","DE0006099005","DOU","DOUGLAS HOLDING O.N.",,","1",,"",,"",,"",,""

"D","53240265","WAR","DE000CG0KWA2","CG0KWA","DAX 14DEC10 7000 C",,","1",,"",,"",,"",,""

"D","53509804","FUT",,"","ZL MAY 10","TRADE ZL 14MAY10","ZL","60000","20100514",,"",,"",,"",,""

"D","53782318","OPT",,"","VBX 110122C00040000","ABX 22JAN11 40
C","ABX","100","20110122","C","40",,"",,""

"D","53784438","OPT",,"","VEC 110122C00030000","CHK 22JAN11 30
C","CHK","100","20110122","C","30",,"",,""

"D","53785216","OPT",,"","VYC 110122C00025000","CSCO 22JAN11 25
C","CSCO","100","20110122","C","25",,"",,""

"D","53785541","OPT",,"","ZBV 110122C00025000","DBA 22JAN11 25
C","DBA","100","20110122","C","25",,"",,""

"D","56204177","FOP",,"","P OZC MAY 10 3500","ZC MAY10 3.5 P","ZC MAY
10","5000","20100423","P","3.5",,"",,""

"D","56204339","FOP",,"","P OZC MAY 10 3000","ZC MAY10 3 P","ZC MAY
10","5000","20100423","P","3",,"",,""

"D","56491940","FUT",,"","HEM0","HE 16JUN10","HE","40000","20100616",,"",,"",,""

"D","58700633","FUT",,"","ZB JUN 10","ZB 21JUN10","ZB","1000","20100621",,"",,"",,""

"D","58700673","FUT",,"","ESM0","ES 18JUN10","ES","50","20100618",,"",,"",,""

"D","58723891","FUT",,"","SAPG APR 10","TRADE SAP 16APR10 (STK)
","SAP","50","20100416",,"",,"",,""

"D","60591038","STK","16936H107","CHGI","TRADE CHINA CARBON GRAPHITE GROUP","","1","","","","",""

"D","60640310","STK","CA48213T1084","JE.UN","JUST ENERGY INCOME FUND","","1","","","","",""

"D","60715923","STK","59140T103","MRNJ","METATRON INC","","1","","","","",""

"D","61369889","WAR","NL0009188721","AA1WQR","DTE 15SEP10 9 C","","1","","","","",""

"D","61370995","WAR","DE000CG91LX6","CG91LX","DTE 11JUN10 10 C","","1","","","","",""

"D","61412754","WAR","DE000DB4KJ67","DB4KJ6","S92 11JUN10 50 P","","1","","","","",""

"D","69123264","OPT","","OSC 110122C00010000","EGO 22JAN11 10 C","EGO","100","20110122","C","10","",""

"D","69132244","STK","DE000A0Z2ZZ5","FNTN","TRADE FREENET AG","","1","","","","",""

"D","69142758","OPT","","C ODAX SEP 10 6200","DAX 17SEP10 6200 C","DAX","5","20100917","C","6200","",""

"D","73897732","STK","NL0009311653","PHI.RTS","PHILIPS ELECTRONICS RTS 20100423","","1","","","","",""

"T","30"

Account File Sample

"H","I000000","Account","20100407","16:02:38","20100329","1.0"

"D","I000000","Test Broker","123 Anywhere Ave","Floor 2","Greenwich","CT","06830","United States","Broker Master","Limited Liability Company","EUR"

"D","U000001","John Doe","123 Anywhere Pl","","Greenwich","CT","06830","United States","Broker Client","Individual","EUR"

"D","U000002","Jane Doe","123 Anywhere St","","Greenwich","CT","06830","United States","Broker Client","Individual","EUR"

"D","U000003","John Doe and Jane Doe","123 Anywhere Ct","","Greenwich","CT","06830","United States","Broker Client","Joint","EUR"

"T","6"

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