

Executions and Commissions

When an order is filled either fully or partially, the **IBApi.EWrapper.execDetails** and **IBApi.EWrapper.commissionReport** events will deliver **IBApi.Execution** and **IBApi.CommissionReport** objects. This allows to obtain the full picture of the order's execution and the resulting commissions.

- Advisors executing allocation orders will receive execution details and commissions for the allocation order itself. To receive allocation details and commissions for a specific subaccount **IBApi.EClient.reqExecutions** can be used.

Important: To receive commissions reports for all clients it is necessary to connect as the **Master Client ID**.

```
public class EWrapperImpl : EWrapper
{
```

...

```
    public virtual void execDetails(int reqId, Contract contract, Execution execution)
    {
        Console.WriteLine("ExecDetails. " + reqId + " - " + contract.Symbol + ", " +
            contract.SecType + ", " + contract.Currency + " - " + execution.ExecId + ", " +
            Util.IntMaxString(execution.OrderId) +
            ", " + Util.DecimalMaxString(execution.Shares) + ", " +
            Util.DecimalMaxString(execution.CumQty) + ", " + execution.LastLiquidity + ", " +
            execution.PendingPriceRevision);
    }
```

...

```
    public virtual void commissionReport(CommissionReport commissionReport)
    {
        Console.WriteLine("CommissionReport. " + commissionReport.ExecId + " - " +
            Util.DoubleMaxString(commissionReport.Commission) + " " + commissionReport.Currency + " RPNL" +
            " + Util.DoubleMaxString(commissionReport.RealizedPNL));
    }
```

- Note if a correction to an execution is published it will be received as an additional **IBApi.EWrapper.execDetails** callback with all parameters identical except for the execID in the Execution object. The execID will differ only in the digits after the final period.

Requesting Executions

IBApi.Execution and **IBApi.CommissionReport** can be requested on demand via the **IBApi.EClient.reqExecutions** method which receives a **IBApi.ExecutionFilter** object as parameter to obtain only those executions matching the given criteria. An empty **IBApi.ExecutionFilter** object can be passed to obtain all previous executions.

```
client.reqExecutions(10001, new ExecutionFilter());
```

Once all matching executions have been delivered, an **IBApi.EWrapper.execDetailsEnd** event will be triggered.

```
public class EWrapperImpl : EWrapper
{
```

...

```
    public virtual void execDetailsEnd(int reqId)
    {
        Console.WriteLine("ExecDetailsEnd. "+reqId+"\n");
    }
```

Important: By default, only those executions occurring since midnight for that particular account will be delivered. If you want to request executions up to last 7 days, TWS's Trade Log setting "*Show trades for ...*" must be adjusted to your requirement. Please note, that *IB Gateway* would be unable to change the Trade Log's settings, thus limited to only executions since midnight to be delivered.