

## Example: Calculate Tax on an Invoice

```
CalculateInvoiceResult result;

// Create Address objects for Ship From and Ship To

Address addressShipTo = new Address();
addressShipTo.Address1 = txtAddress1.Text;
addressShipTo.Address2 = txtCityStateZip.Text;

Address addressWeShipFrom = new Address();
addressWeShipFrom.Address1 = "1600 Pennsylvania Ave NW";
addressWeShipFrom.Address2 = "Washington, DC 20500";

// Create a LineItem object for each line item on the invoice

List<LineItem> lineItems = new List<LineItem>();

LineItem itemProduct = new LineItem();
itemProduct.ProductCode = "DEMO-001";
itemProduct.CustomReference = "My Order Number etc.";
itemProduct.Quantity = 1;
itemProduct.SalesAmount = new Price();
itemProduct.SalesAmount.Dollars = 1000;
itemProduct.SalesAmount.DollarsSpecified = true;
itemProduct.ShipFromAddress = addressWeShipFrom;
itemProduct.ShipToAddress = addressShipTo;

// Create the Invoice object

Invoice invoice = new Invoice();
invoice.CustomerIdentifier = ".Net API Demo";
invoice.InvoiceDate = DateTime.Now;
invoice.InvoiceDateSpecified = true;
invoice.InvoiceType = InvoiceType.INVOICE;
invoice.InvoiceTypeSpecified = true;

// Assign invoice line items to the invoice

invoice.LineItems = new LineItem[1];
invoice.LineItems[i] = itemProduct;

// Call the calculation service

result = serviceProxy.CalculateInvoice(company, invoice);

// Process the result

if (result.ResultType == InvoiceResultType.SUCCESS)
{
    // Tax is available in result.TotalTax
}
else
{
    // Error handling
}
```