Department of Technology

truckstop.com

INTERNET TRUCKSTOP®

Import Loads Web Service API v1

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Load Imports Web Service URL:

Live

http://ImportsWS.Truckstop.com/LoadsImportsWS.asmx

Load Imports Web Service Requests:

LoadImportFullService : Updates all of the importer's loads in the system, this can be done for multiple users based on their Intergration ID

- **Required for Full Import Authentication**
  - User Name (string)
  - Password (string)
  - Integration ID (int)
- **Load Requirements**
  - Origin City
  - Origin State, must be a valid state abbreviation (see supported states)
  - Destination City
  - Destination State, must be a valid state abbreviation (see supported states)
  - Equipment type, must be a valid Equipment Type
  - Equipment Options (if supplied) must be valid Equipment Options (see equipment options)
  - Pickup Date (cannot be in the past)
  - Must have a unique Load Number
  - Quantity must be 1 or more
  - Stops must be 0 or more (0 indicates no additional stops)
  - Length must be 0 -100 (0 indicates an unspecified length)
  - Distance must be 0 or more (0 indicates an unspecified distance)
  - Payment Amount must be 0 or more (0 indicates an unspecified Payment Amount)
  - Weight must be 0 or more (0 indicates an unspecified weight)

- **Returns**
  - ImportLoadsResponse

- **Code Examples**

C# Full Load Import (.NET 3.5)

```
...
        ImportFullLoadsRequest LoadRequest = new ImportFullLoadsRequest();
        LoadImportFull myImports = new LoadImportFull();
        LoadImportFull[] FullImports = new LoadImportFull[1];
```

```
ImportsWSSoapClient myService = new ImportsWSSoapClient();

LoadRequest.UserName = "xxxxx";
LoadRequest.Password = "xxxxx";

ImportLoad TestLoad = new ImportLoad();
TestLoad.DeliveryDate = DateTime.Now.AddDays(1);
TestLoad.DeliveryTime = "Afternoon";
TestLoad.DestinationCity = "Boulder";
TestLoad.DestinationState = "CO";
TestLoad.DestinationZip = "80301";
TestLoad.EquipmentType = "V";
TestLoad.LoadNumber = "5";
TestLoad.OriginCity = "Boise";
TestLoad.OriginState = "ID";
TestLoad.OriginZip = "83705";
TestLoad.PickupDate = DateTime.Now;
TestLoad.Quantity = 1;

ImportLoad[] myImportLoads = new ImportLoad[1];
myImportLoads[0] = TestLoad;
myImports.Loads = myImportLoads;
myImports.IntegrationID = 4;
FullImports[0] = myImports;

LoadRequest.Imports = FullImports;

ImportLoadsResponse myResponse = myService.LoadImportFullService(LoadRequest);

Console.WriteLine("---------------Request Errors--------------------");
foreach (Error RequestError in myResponse.RequestErrors )
{
    Console.WriteLine(RequestError.ErrorMessage);
}

Console.WriteLine("---------------Import Reports--------------------");

foreach (ImportReport Report in myResponse.RequestReport)
{

    Console.WriteLine("Successful:"+ Report.Success );
    Console.WriteLine("IntegrationID: "+Report.IntegrationID.ToString());

    Console.WriteLine("---------------Added Loads--------------------");
    foreach (LoadReport myLoadReport in Report.AddLoadReports)
    {
        Console.WriteLine("LoadID: "+ myLoadReport.LoadID);
        Console.WriteLine("Was Successful:"+ myLoadReport.Success);
        Console.WriteLine("Error Count: "+myLoadReport.LoadErrors.Length.ToString());
    }
    Console.WriteLine("---------------Updated Loads--------------------");
    foreach (LoadReport myLoadReport in Report.UpdateLoadsReports)
```

```
                {
                    Console.WriteLine("LoadID: " + myLoadReport.LoadID);
                    Console.WriteLine("Was Successful:" + myLoadReport.Success);
                    Console.WriteLine("Error Count: " + myLoadReport.LoadErrors.Length.ToString());
                }
                Console.WriteLine("---------------Deleted Loads--------------------");
                foreach (LoadReport myLoadReport in Report.DeleteLoadReports)
                {
                    Console.WriteLine("LoadID: " + myLoadReport.LoadID);
                    Console.WriteLine("Was Successful:" + myLoadReport.Success);
                    Console.WriteLine("Error Count: " + myLoadReport.LoadErrors.Length.ToString());
                }
            }
...
```

VB.NET Full Load Import (.NET 3.5)

```
...
        Dim LoadRequest As ImportFullLoadsRequest = New ImportFullLoadsRequest
        Dim myImports As LoadImportFull = New LoadImportFull
        Dim FullImports(0) As LoadImportFull
        Dim myImportLoads(0) As ImportLoad

        LoadRequest.UserName = "xxxxx"
        LoadRequest.Password = "xxxxx"

        Dim TestLoad As ImportLoad = New ImportLoad
        TestLoad.DeliveryDate = DateTime.Now.AddDays(1)
        TestLoad.DeliveryTime = "Afternoon"
        TestLoad.DestinationCity = "Boulder"
        TestLoad.DestinationState = "CO"
        TestLoad.DestinationZip = "80301"
        TestLoad.EquipmentType = "V"
        TestLoad.LoadNumber = "5"
        TestLoad.OriginCity = "Boise"
        TestLoad.OriginState = "ID"
        TestLoad.OriginZip = "83705"
        TestLoad.PickupDate = DateTime.Now
        TestLoad.Quantity = 1

        myImportLoads(0) = TestLoad
        myImports.Loads = myImportLoads
        myImports.IntegrationID = 4
        FullImports(0) = myImports

        LoadRequest.Imports = FullImports

        Dim myService As ImportsWSSoapClient = New ImportsWSSoapClient()
        Dim myResponse As ImportLoadsResponse = myService.LoadImportFullService(LoadRequest)

        Console.WriteLine("---------------Request Errors--------------------")
```

```
    For Each RequestError As BobaFettImportsWS.Error In myResponse.RequestErrors
      Console.WriteLine(RequestError.ErrorMessage)
    Next

    Console.WriteLine("---------------Import Reports--------------------")
    For Each Report As ImportReport In myResponse.RequestReport
      Console.WriteLine("Successful:" + Report.Success.ToString())
      Console.WriteLine("IntegrationID: " + Report.IntegrationID.ToString())
      Console.WriteLine("---------------Added Loads--------------------")

      For Each myLoadReport As LoadReport In Report.AddLoadReports
        Console.WriteLine("LoadID: " + myLoadReport.LoadID)
        Console.WriteLine("Was Successful:" + myLoadReport.Success.ToString())
        Console.WriteLine("Error Count: " + myLoadReport.LoadErrors.Length.ToString())
      Next

      Console.WriteLine("---------------Updated Loads--------------------")
      For Each myLoadReport As LoadReport In Report.UpdateLoadsReports
        Console.WriteLine("LoadID: " + myLoadReport.LoadID)
        Console.WriteLine("Was Successful:" + myLoadReport.Success.ToString())
        Console.WriteLine("Error Count: " + myLoadReport.LoadErrors.Length.ToString())
      Next

      Console.WriteLine("---------------Deleted Loads--------------------")
      For Each myLoadReport As LoadReport In Report.DeleteLoadReports
        Console.WriteLine("LoadID: " + myLoadReport.LoadID)
        Console.WriteLine("Was Successful:" + myLoadReport.Success.ToString())
        Console.WriteLine("Error Count: " + myLoadReport.LoadErrors.Length.ToString())
      Next

    Next
...
```

JAVA using JAX-WS Full Load Import

```
...
    ImportsWS Service = new ImportsWS();
    ImportsWSSoap port = Service.getImportsWSSoap();
    ImportFullLoadsRequest myRequest = new ImportFullLoadsRequest();
    LoadImportFull myImports = new LoadImportFull();
    ArrayOfLoadImportFull FullImports = new ArrayOfLoadImportFull();

    myRequest.userName = "xxxxx";
    myRequest.xxxxx = "xxxxx";

    ImportLoad TestLoad = new  ImportLoad();
    TestLoad.deliveryTime = "Afternoon before 3";
    TestLoad.destinationCity = "Boise";
    TestLoad.destinationState = "ID";
```

```
        TestLoad.destinationZip = "83705";
        TestLoad.distance = 828;
        TestLoad.equipmentType = "V";
        TestLoad.loadNumber = "1";
        TestLoad.isFullLoad = true;
        TestLoad.originCity = "Boulder";
        TestLoad.originState = "Co";
        TestLoad.originZip = "83705";
        try
        {
            TestLoad.pickupDate = DatatypeFactory.newInstance().newXMLGregorianCalendar(new
GregorianCalendar());
        }
        catch(Exception x )
        {
            System.out.println(x);
        }
        TestLoad.quantity = 1;

        myImports.loads = new ArrayOfImportLoad();
        myImports.loads.getImportLoad().add(TestLoad);
        myImports.integrationID = 4;
        FullImports.getLoadImportFull().add(myImports);
        myRequest.imports = FullImports;

        ImportLoadsResponse myResponse = port.loadImportFullService(myRequest);
        System.out.println("---------------Request Errors--------------------");

        if(myResponse.requestErrors.error !=null)
        {
            for (int x=0;x<myResponse.requestErrors.error.size();x++ )
            {
                System.out.println(myResponse.requestErrors.error.get(x).errorMessage);
            }
        }

        System.out.println("---------------Import Reports--------------------");
        if(myResponse.requestReport.importReport !=null)
        {
            for(int x=0;x<myResponse.requestReport.importReport.size();x++)
            {
                ImportReport myReport = myResponse.requestReport.importReport.get(x);
                System.out.println("Successful: "+myReport.success);
                System.out.println("IntegrationID: "+myReport.integrationID);

                if(myReport.addLoadReports.loadReport != null)
                {
                    System.out.println("---------------Added Loads--------------------");
                    for(int y=0;y<myReport.addLoadReports.loadReport.size();y++)
                    {
                        LoadReport myLoadReport = myReport.addLoadReports.loadReport.get(y);
                        System.out.println("LoadID: " + myLoadReport.loadID);
                        System.out.println("Was Successful: " + myLoadReport.success);
                        if(myLoadReport.loadErrors.error !=null)
                        {
                            System.out.println("Error Count: " +myLoadReport.loadErrors.error.size());
                            for(int z=0;z<myLoadReport.loadErrors.error.size();z++)
                            {
                                System.out.println("Error "+z+" : " +myLoadReport.loadErrors.error.get(z).errorMessage);
                            }
                        }
                    }
                }
                if(myReport.updateLoadsReports.loadReport !=null)
                {
                    System.out.println("---------------Updated Loads--------------------");
                    for(int y=0;y<myReport.updateLoadsReports.loadReport.size();y++)
                    {
                        LoadReport myLoadReport = myReport.updateLoadsReports.loadReport.get(y);
                        System.out.println("LoadID: " + myLoadReport.loadID);
                        System.out.println("Was Successful: " + myLoadReport.success);
                       if(myLoadReport.loadErrors.error !=null)
                        {
                            System.out.println("Error Count: " +myLoadReport.loadErrors.error.size());
                             for(int z=0;z<myLoadReport.loadErrors.error.size();z++)
                            {
                                System.out.println("Error "+z+" : " +myLoadReport.loadErrors.error.get(z).errorMessage);
                            }
                        }
                    }
                }
                if(myReport.deleteLoadReports.loadReport!=null)
                {
                    System.out.println("---------------Deleted Loads--------------------");
                    for(int y=0;y<myReport.deleteLoadReports.loadReport.size();y++)
                    {
                        LoadReport myLoadReport = myReport.deleteLoadReports.loadReport.get(y);
                        System.out.println("LoadID: " + myLoadReport.loadID);
                        System.out.println("Was Successful: " + myLoadReport.success);
                        if(myLoadReport.loadErrors.error !=null)
                        {
                            System.out.println("Error Count: " +myLoadReport.loadErrors.error.size());
                             for(int z=0;z<myLoadReport.loadErrors.error.size();z++)
                            {
                                System.out.println("Error "+z+" : " +myLoadReport.loadErrors.error.get(z).errorMessage);
                            }
                        }
                    }
                }
            }
        }
...
```

LoadImportPartialService: Add, Update, and Delete specific loads in the system, this can be done for multiple users based on their Intergration ID

- **Required for Partial Import Authentication**
  - User Name (string)
  - Password (string)
  - Integration ID (int)
- **Load Requirements**
  - Origin City
  - Origin State, must be a valid state abbreviation (see supported states)
  - Destination City
  - Destination State, must be a valid state abbreviation (see supported states)
  - Equipment type, must be a valid Equipment Type
  - Equipment Options (if supplied) must be valid Equipment Options (see equipment options)
  - Pickup Date (cannot be in the past)
  - Must have a unique Load Number
  - Quantity must be 1 or more
  - Stops must be 0 or more (0 indicates no additional stops)
  - Length must be 0 -100 (0 indicates an unspecified length)
  - Distance must be 0 or more (0 indicates an unspecified distance)
  - Payment Amount must be 0 or more (0 indicates an unspecified Payment Amount)
  - Weight must be 0 or more (0 indicates an unspecified weight)

- **Returns**
  - ImportLoadsResponse

➢ **Code Examples**

C# Partial Load Import (.NET 3.5)

```
...
        ImportLoadsRequest LoadRequest = new ImportLoadsRequest();
        LoadImportPartial[] FullImports = new LoadImportPartial[1];
        LoadImportPartial myImports = new LoadImportPartial();
        ImportsWSSoapClient myService = new ImportsWSSoapClient();

        LoadRequest.UserName = "xxxxx";
        LoadRequest.Password = "xxxxx";

        ImportLoad TestLoad = new ImportLoad();
        TestLoad.DeliveryDate = DateTime.Now.AddDays(1);
        TestLoad.DeliveryTime = "Afternoon";
        TestLoad.DestinationCity = "Boulder";
TestLoad.DestinationState = "CO";
TestLoad.DestinationZip = "80301";
TestLoad.EquipmentType = "V";
TestLoad.LoadNumber = "7";
TestLoad.OriginCity = "Boise";
TestLoad.OriginState = "ID";
TestLoad.OriginZip = "83705";
TestLoad.PickupDate = DateTime.Now;
TestLoad.Quantity = 1;

ImportLoad[] myImportLoads = new ImportLoad[1];
myImportLoads[0] = TestLoad;
myImports.AddLoads = myImportLoads;
myImports.IntegrationID = 4;
FullImports[0] = myImports;
LoadRequest.Imports = FullImports;

ImportLoadsResponse myResponse = myService.LoadImportPartialService(LoadRequest);

Console.WriteLine("---------------Request Errors--------------------");
foreach (Error RequestError in myResponse.RequestErrors)
{
    Console.WriteLine(RequestError.ErrorMessage);
}

Console.WriteLine("---------------Import Reports--------------------");

foreach (ImportReport Report in myResponse.RequestReport)
{

    Console.WriteLine("Successful:" + Report.Success);
    Console.WriteLine("IntegrationID: " + Report.IntegrationID.ToString());

    Console.WriteLine("---------------Added Loads--------------------");
    foreach (LoadReport myLoadReport in Report.AddLoadReports)
    {
        Console.WriteLine("LoadID: " + myLoadReport.LoadID);
        Console.WriteLine("Was Successful:" + myLoadReport.Success);
        Console.WriteLine("Error Count: " + myLoadReport.LoadErrors.Length.ToString());
    }
    Console.WriteLine("---------------Updated Loads--------------------");
    foreach (LoadReport myLoadReport in Report.UpdateLoadsReports)
    {
        Console.WriteLine("LoadID: " + myLoadReport.LoadID);
        Console.WriteLine("Was Successful:" + myLoadReport.Success);
        Console.WriteLine("Error Count: " + myLoadReport.LoadErrors.Length.ToString());
    }
    Console.WriteLine("---------------Deleted Loads--------------------");
    foreach (LoadReport myLoadReport in Report.DeleteLoadReports)
    {
        Console.WriteLine("LoadID: " + myLoadReport.LoadID);
        Console.WriteLine("Was Successful:" + myLoadReport.Success);
```

```
                    Console.WriteLine("Error Count: " + myLoadReport.LoadErrors.Length.ToString());
                }
            }
...
```

VB.NET Partial Load Import (.NET 3.5)

```
...
        Dim LoadRequest As ImportLoadsRequest = New ImportLoadsRequest
        Dim myImports As LoadImportPartial = New LoadImportPartial
        Dim PartImports(0) As LoadImportPartial
        Dim myImportLoads(0) As ImportLoad

        LoadRequest.UserName = "xxxxx"
        LoadRequest.Password = "xxxxx"

        Dim TestLoad As ImportLoad = New ImportLoad
        TestLoad.DeliveryDate = DateTime.Now.AddDays(1)
        TestLoad.DeliveryTime = "Afternoon"
        TestLoad.DestinationCity = "Boulder"
        TestLoad.DestinationState = "CO"
        TestLoad.DestinationZip = "80301"
        TestLoad.EquipmentType = "V"
        TestLoad.LoadNumber = "5"
        TestLoad.OriginCity = "Boise"
        TestLoad.OriginState = "ID"
        TestLoad.OriginZip = "83705"
        TestLoad.PickupDate = DateTime.Now
        TestLoad.Quantity = 1

        myImportLoads(0) = TestLoad
        myImports.UpdateLoads = myImportLoads
        myImports.IntegrationID = 4
        PartImports(0) = myImports

        LoadRequest.Imports = PartImports

        Dim myService As ImportsWSSoapClient = New ImportsWSSoapClient()
        Dim myResponse As ImportLoadsResponse = myService.LoadImportPartialService(LoadRequest)


        Console.WriteLine("---------------Request Errors--------------------")

        For Each RequestError As BobaFettImportsWS.Error In myResponse.RequestErrors
            Console.WriteLine(RequestError.ErrorMessage)
        Next

        Console.WriteLine("---------------Import Reports--------------------")
        For Each Report As ImportReport In myResponse.RequestReport
            Console.WriteLine("Successful:" + Report.Success.ToString())
            Console.WriteLine("IntegrationID: " + Report.IntegrationID.ToString())
            Console.WriteLine("---------------Added Loads--------------------")

            For Each myLoadReport As LoadReport In Report.AddLoadReports
                Console.WriteLine("LoadID: " + myLoadReport.LoadID)
                Console.WriteLine("Was Successful:" + myLoadReport.Success.ToString())
                Console.WriteLine("Error Count: " + myLoadReport.LoadErrors.Length.ToString())
            Next

            Console.WriteLine("---------------Updated Loads--------------------")
            For Each myLoadReport As LoadReport In Report.UpdateLoadsReports
                Console.WriteLine("LoadID: " + myLoadReport.LoadID)
                Console.WriteLine("Was Successful:" + myLoadReport.Success.ToString())
                Console.WriteLine("Error Count: " + myLoadReport.LoadErrors.Length.ToString())
            Next

            Console.WriteLine("---------------Deleted Loads--------------------")
            For Each myLoadReport As LoadReport In Report.DeleteLoadReports
                Console.WriteLine("LoadID: " + myLoadReport.LoadID)
                Console.WriteLine("Was Successful:" + myLoadReport.Success.ToString())
                Console.WriteLine("Error Count: " + myLoadReport.LoadErrors.Length.ToString())
            Next

        Next
...
```

JAVA using JAX-WS Partial Load Import

```
...
        ImportsWS Service = new ImportsWS();
        ImportsWSSoap port = Service.getImportsWSSoap();
        ImportLoadsRequest myRequest = new ImportLoadsRequest();
        LoadImportPartial myImports = new LoadImportPartial();
        ArrayOfLoadImportPartial PartialImports = new ArrayOfLoadImportPartial();

        myRequest.userName = "xxxxx";
        myRequest.xxxxx = "xxxxx";

        ImportLoad TestLoad = new  ImportLoad();
        TestLoad.deliveryTime = "Afternoon before 3";
        TestLoad.destinationCity = "Boise";
        TestLoad.destinationState = "ID";
        TestLoad.destinationZip = "83705";
        TestLoad.distance = 828;
        TestLoad.equipmentType = "V";
        TestLoad.loadNumber = "14";
        TestLoad.isFullLoad = true;
        TestLoad.originCity = "Boulder";
        TestLoad.originState = "Co";
        TestLoad.originZip = "83705";
        try
        {
            TestLoad.pickupDate = DatatypeFactory.newInstance().newXMLGregorianCalendar(new
GregorianCalendar());
        }
        catch(Exception x )
        {
            System.out.println(x);
        }
        TestLoad.quantity = 1;

        myImports.addLoads = new ArrayOfImportLoad();
        myImports.addLoads.getImportLoad().add(TestLoad);
        myImports.integrationID = 4;

        PartialImports.getLoadImportPartial().add(myImports);
        myRequest.imports = PartialImports;
        ImportLoadsResponse myResponse = port.loadImportPartialService(myRequest);
        System.out.println("---------------Request Errors--------------------");

        if(myResponse.requestErrors.error !=null)
        {
            for (int x=0;x<myResponse.requestErrors.error.size();x++ )
            {
                System.out.println(myResponse.requestErrors.error.get(x).errorMessage);
            }
        }

        System.out.println("---------------Import Reports--------------------");
        if(myResponse.requestReport.importReport !=null)
        {
            for(int x=0;x<myResponse.requestReport.importReport.size();x++)
            {
                ImportReport myReport = myResponse.requestReport.importReport.get(x);
                System.out.println("Successful: "+myReport.success);
                System.out.println("IntegrationID: "+myReport.integrationID);

                if(myReport.addLoadReports.loadReport != null)
                {
                    System.out.println("---------------Added Loads--------------------");
                    for(int y=0;y<myReport.addLoadReports.loadReport.size();y++)
                    {
                        LoadReport myLoadReport = myReport.addLoadReports.loadReport.get(y);
                        System.out.println("LoadID: " + myLoadReport.loadID);
                        System.out.println("Was Successful: " + myLoadReport.success);
                        if(myLoadReport.loadErrors.error !=null)
                        {
                            System.out.println("Error Count: " +myLoadReport.loadErrors.error.size());
                             for(int z=0;z<myLoadReport.loadErrors.error.size();z++)
                            {
                                System.out.println("Error "+z+" : " +myLoadReport.loadErrors.error.get(z).errorMessage);
                            }
                        }
                    }
                }
                if(myReport.updateLoadsReports.loadReport !=null)
                {
                    System.out.println("---------------Updated Loads--------------------");
                    for(int y=0;y<myReport.updateLoadsReports.loadReport.size();y++)
                    {
                        LoadReport myLoadReport = myReport.updateLoadsReports.loadReport.get(y);
                        System.out.println("LoadID: " + myLoadReport.loadID);
                        System.out.println("Was Successful: " + myLoadReport.success);
                        if(myLoadReport.loadErrors.error !=null)
                        {
                            System.out.println("Error Count: " +myLoadReport.loadErrors.error.size());
                             for(int z=0;z<myLoadReport.loadErrors.error.size();z++)
                            {
                                System.out.println("Error "+z+" : " +myLoadReport.loadErrors.error.get(z).errorMessage);
                            }
                        }
                    }
                }
                if(myReport.deleteLoadReports.loadReport!=null)
                {
                    System.out.println("---------------Deleted Loads--------------------");
                    for(int y=0;y<myReport.deleteLoadReports.loadReport.size();y++)
                    {
                        LoadReport myLoadReport = myReport.deleteLoadReports.loadReport.get(y);
                        System.out.println("LoadID: " + myLoadReport.loadID);
                        System.out.println("Was Successful: " + myLoadReport.success);
                        if(myLoadReport.loadErrors.error !=null)
                        {
                            System.out.println("Error Count: " +myLoadReport.loadErrors.error.size());
                             for(int z=0;z<myLoadReport.loadErrors.error.size();z++)
                            {
                                System.out.println("Error "+z+" : " +myLoadReport.loadErrors.error.get(z).errorMessage);
                            }
                        }
                    }
                }
            }
        }
    }
...
```

GetImportedLoadsService: *Get Imported loads by Integration ID*

- **Required for Getting Imported Loads**
    - User Name (string)
    - Password (string)
    - Integration ID (int)

- **Returns**
    - ImportLoadsResponse

- **Code Examples**

C# Get Imported Loads (.NET 3.5)

```
...
        ImportsWSSoapClient myService = new ImportsWSSoapClient();
        ImportedLoadsRequest LoadsRequest = new ImportedLoadsRequest();
        LoadsRequest.UserName = "xxxxx";
        LoadsRequest.Password = "xxxxx";
        LoadsRequest.IntegrationIDs = new ArrayOfInt();
        LoadsRequest.IntegrationIDs.Add(4);

        ImportedLoadsResponse myResponse = myService.GetImportedLoadsService(LoadsRequest);

        Console.WriteLine("---------------Request Errors--------------------");
        foreach (Error RequestError in myResponse.RequestErrors)
        {
            Console.WriteLine(RequestError.ErrorMessage);
        }

        Console.WriteLine("---------------Requested Loads--------------------");
        foreach (ImportedLoads myLoads in myResponse.ImportedLoads)
        {
            Console.WriteLine("Integration ID: "+myLoads.IntegrationID);
            Console.WriteLine("----------------------------------------------");
            foreach (ImportLoad myload in myLoads.Loads)
            {
                StringBuilder LoadDescription = new StringBuilder();
                LoadDescription.Append(myload.LoadNumber);
                LoadDescription.Append(",");
                LoadDescription.Append(myload.OriginCity);
                LoadDescription.Append(",");
                LoadDescription.Append(myload.OriginState);
                LoadDescription.Append(",");
                LoadDescription.Append(myload.PickupDate.ToShortDateString());
                LoadDescription.Append(",");
                LoadDescription.Append(myload.DestinationCity);
                LoadDescription.Append(",");
                LoadDescription.Append(myload.DestinationState);
                LoadDescription.Append(",");
                LoadDescription.Append(myload.DeliveryDate.ToShortDateString());
                LoadDescription.Append(",");
                LoadDescription.Append(myload.EquipmentType);
                Console.WriteLine(LoadDescription.ToString());
            }
        }
    }
```

```
...
```

VB.NET Get Imported Loads (.NET 3.5)

```
...
        Dim myService As ImportsWSSoapClient = New ImportsWSSoapClient()
        Dim LoadsRequest As ImportedLoadsRequest = New ImportedLoadsRequest()
        LoadsRequest.UserName = "xxxxx"
        LoadsRequest.Password = "xxxxx"
        LoadsRequest.IntegrationIDs = New ArrayOfInt()
        LoadsRequest.IntegrationIDs.Add(4)
        Dim myResponse As ImportedLoadsResponse = myService.GetImportedLoadsService(LoadsRequest)

        Console.WriteLine("---------------Request Errors-------------------")

        For Each RequestError As BobaFettImportsWS.Error In myResponse.RequestErrors
            Console.WriteLine(RequestError.ErrorMessage)
        Next

        Console.WriteLine("---------------Requested Loads-------------------")

        For Each myLoads As ImportedLoads In myResponse.ImportedLoads
            Console.WriteLine("Integration ID: " + myLoads.IntegrationID.ToString())
            Console.WriteLine("------------------------------------------")
            For Each myload As ImportLoad In myLoads.Loads
                Dim LoadDescription As StringBuilder = New StringBuilder()
                LoadDescription.Append(myload.LoadNumber)
                LoadDescription.Append(",")
                LoadDescription.Append(myload.OriginCity)
                LoadDescription.Append(",")
                LoadDescription.Append(myload.OriginState)
                LoadDescription.Append(",")
                LoadDescription.Append(myload.PickupDate.ToShortDateString())
                LoadDescription.Append(",")
                LoadDescription.Append(myload.DestinationCity)
                LoadDescription.Append(",")
                LoadDescription.Append(myload.DestinationState)
                LoadDescription.Append(",")
                LoadDescription.Append(myload.DeliveryDate.ToShortDateString())
                LoadDescription.Append(",")
                LoadDescription.Append(myload.EquipmentType)
                Console.WriteLine(LoadDescription.ToString())
            Next

        Next
...
```

JAVA using JAX-WS Get Imported Loads

```
...
        ImportsWS Service = new ImportsWS();
```

```
ImportsWSSoap port = Service.getImportsWSSoap();
ImportedLoadsRequest myRequest = new ImportedLoadsRequest();
myRequest.userName = "xxxxx";
myRequest.xxxxx = "xxxxx";
myRequest.integrationIDs = new loadsimportswsclient.ArrayOfInt();
myRequest.integrationIDs.getInt().add(4);

ImportedLoadsResponse myResponse = port.getImportedLoadsService(myRequest);

System.out.println("---------------Request Errors--------------------");
if(myResponse.requestErrors.error != null )
{
    for(int x=0;x<myResponse.requestErrors.error.size();x++)
    {
        System.out.println(myResponse.requestErrors.error.get(x));
    }
}
System.out.println("---------------Requested Loads--------------------");
if(myResponse.importedLoads.importedLoads !=null)
{
    for(int x=0;x<myResponse.importedLoads.importedLoads.size();x++)
    {
        ImportedLoads myLoads = myResponse.importedLoads.importedLoads.get(x);
        System.out.println("Integration ID: "+myLoads.integrationID);
        System.out.println("----------------------------------------------");

        if(myLoads.loads!=null)
        {
            for(int y=0;y<myLoads.loads.getImportLoad().size();y++)
            {
                ImportLoad myLoad = myLoads.loads.getImportLoad().get(y);
                StringBuffer LoadDescription = new StringBuffer();
                LoadDescription.append(myLoad.loadNumber);
                LoadDescription.append(",");
                LoadDescription.append(myLoad.originCity);
                LoadDescription.append(",");
                LoadDescription.append(myLoad.originState);
                LoadDescription.append(",");
                LoadDescription.append(myLoad.pickupDate.toString().split("T")[0]);
                LoadDescription.append(",");
                LoadDescription.append(myLoad.destinationCity);
                LoadDescription.append(",");
                LoadDescription.append(myLoad.destinationState);
                LoadDescription.append(",");
                LoadDescription.append(myLoad.deliveryDate.toString().split("T")[0]);
                LoadDescription.append(",");
                LoadDescription.append(myLoad.equipmentType);
                System.out.println(LoadDescription.toString());
            }
        }
    }
}
```

```
...
```

Object Descriptions

Object ImportLoadsRequest

- UserName (string)
- Password (string)
- Imports (LoadImportPartial[])

Object ImportFullLoadsRequest

- UserName (string)
- Password (string)
- Imports (LoadImportFull[])

Object ImportedLoadsRequest

- UserName (string)
- Password (string)
- IntegrationIDs(int[])

Object LoadImportPartial

- IntegrationID (int)
- AddLoads (ImportLoad[])
- UpdateLoads (ImportLoad[])
- DeleteLoads (string[] of Load numbers)

Object LoadImportFull

- IntegrationID (int)
- Loads (ImportLoad[])

Object ImportLoad

- OriginCity (string)
- OriginState (string)
- OriginZip (string)
- DestinationCity (string)
- DestinationState (string)
- DestinationZip(string)
- Distance (int)
- Weight(int)
- Length(int)
- Stops(int)

- PaymentAmount(double)
- PickupDate(DateTime)
- PickUpTime(string)
- DeliveryDate(DateTime)
- DeliveryTime(string)
- EquipmentType(string)
- EquipmentOptions(string[])
- SpecialInformation(string)
- IsFullLoad(bool)
- PointOfContact(string)
- Quantity(int)
- LoadNumber(string)

Object ImportLoadsResponse

- RequestErrors (Error[])
- RequestReport(ImportReport[])

Object ImportedLoadsResponse

- RequestErrors (Error[])
- ImportedLoads(ImportedLoads[])

Object ImportedLoads

- IntegrationID (int)
- Loads (ImportLoad[])

Object ImportedLoads

- IntegrationID (int)
- Loads (ImportLoad[])
- Errors (Error[])

Object ImportReport

- Success (bool)
- ImportErrors (Error[])
- UpdateLoadsReports (LoadReport[])
- AddLoadReports (LoadReport[])
- DeleteLoadReports (LoadReport[])
- IntegrationID (int)

Object LoadReport

- Success (bool)
- LoadErrors (Error[])

- LoadNumber (string)

Object Error

- ErrorMessage (string)

Supported States

- AB - Alberta
- AK - ALASKA
- AL - ALABAMA
- AR - ARKANSAS
- AZ - ARIZONA
- BC - British Columbia
- CA - CALIFORNIA
- CO - COLORADO
- CT - CONNECTICUT
- DC - DISTRICT OF COLUMBIA
- DE - DELAWARE
- FL - FLORIDA
- GA - GEORGIA
- IA - IOWA
- ID - IDAHO
- IL - ILLINOIS
- IN - INDIANA
- KS - KANSAS
- KY - KENTUCKY
- LA - LOUISIANA
- MA - MAINE
- MB - Manitoba
- MD - MARYLAND
- ME - MAINE
- MI - MICHIGAN
- MN - MINNESOTA
- MO - MISSOURI
- MS - MISSISSIPPI
- MT - MONTANA
- NB - New Brunswick
- NC - NORTH CAROLINA
- ND - NORTH DAKOTA
- NE - NEBRASKA
- NH - NEW HAMPSHIRE
- NJ - NEW JERSEY

- NL - Newfoundland and Labrador
- NM - NEW MEXICO
- NS - Nova Scotia
- NT - Northwest Territories
- NV - NEVADA
- NY - NEW YORK
- OH - OHIO
- OK - OKLAHOMA
- ON - Ontario
- OR - OREGON
- PA - PENNSYLVANIA
- PE - Prince Edward Island
- QC - Quebec
- RI - RHODE ISLAND
- SC - SOUTH CAROLINA
- SD - SOUTH DAKOTA
- SK - Saskatchewan
- TN - TENNESSEE
- TX - TEXAS
- UT - UTAH
- VA - VIRGINIA
- VT - VERMONT
- WA - WASHINGTON
- WI - WISCONSIN
- WV - WEST VIRGINIA
- WY - WYOMING
- YT - Yukon

Supported Equipment Types

- 2F Two 24 or 28 foot flats
- ANIM Animal Carrier
- AUTO Auto Carrier
- B-TR B-Train/Supertrain (Canada only)
- BELT Conveyor Belt
- BOAT Boat Hauling Trailer
- CH Convertible Hopper
- CONT Container Trailer
- DD Double Drop
- DUMP Dump Trucks
- ENDP End Dump
- F Flatbed
- FEXT Stretch Trailers or Extendable Flatbed
- FINT Flatbed Intermodal

FO	Flatbed over-dimension loads
FSD	Flat or Step Deck
FVR	Flatbed, Van, or Reefer
FWS	Flatbed With Sides
HOPP	Hopper Bottom
HS	Hot Shot
HTU	Haul and Tow Unit
LAF	Landoll Flatbed
LB	Lowboy
LBO	Lowboy over-dimension load
LDOT	Load-Out are empty trailers you load and haul
LIVE	Live Bottom Trailer
MAXI	Maxi or Double Flat Trailers
MBHM	Mobile Home
PNEU	Pneumatic
PO	Power Only (tow-away)
R	Refrigerated Carrier(Reefer)
RGN	Removable Goose Neck & Multi-Axle Heavy Haulers
RGNE	RGN Extendable
RINT	Refrigerated Intermodal
ROLL	Roll Top Conestoga
RPD	Refrigerated Carrier W/Plant Decking
SD	Step Deck
SDL	Step Deck w/Loading Ramps
SDO	Step Deck over-dimension load
SPEC	Unspecified Specialized Trailers
SV	Straight Van
TANK	Tanker (Please specify Food grade, liquid, bulk, etc. in your posting)
V	Van
V-OT	Open Top Van
VB	Blanket Wrap Van
VC	Curtain Van
VCAR	Cargo Vans (1 Ton capacity)
VF	Flatbed or Van
VINT	Van Intermodal
VIV	Vented Insulated Van
VLG	Van w/Liftgate
VM	Moving Van
VR	Van or Reefer
VV	Vented Van
WALK	Walking Floor
VVR	Vented Van or Refrigerated
VIVR	Vented Insulated Van or Refrigerated

Supported Equipment Options

X	Pallet Exchange
53	53' Long Trailer
A	Air Ride
T	Tarp
Z	HazMat

Community Support

Internet Truckstop® is providing the below as additional resources that were provided by customers and/or services located on the Internet. Internet Truckstop® cannot validate the authenticity of these services or samples, and provide them to you AS-IS. We cannot support nor be held liable for any of the samples, libraries or resources found in this section. You assume all risks associated with the use of this information.

PHP

Here are some libraries for using web services in php

http://truckstop.com/community/php/phplibs.zip

PHP Full Load Import

```
...
```

```
require 'libSoapXMLRequest.php';
$xml = '<myImport>
        <UserName>xxxxx</UserName>
        <Password>xxxxx</Password>
        <Imports>
          <LoadImportFull>
            <IntegrationID>4</IntegrationID>
            <Loads>
              <ImportLoad>
                <LoadNumber>105990</LoadNumber>
                <PickupDate>2008-06-24</PickupDate>
                <OriginCity>Kansas City</OriginCity>
                <OriginState>MO</OriginState>
                <DestinationCity>Dallas</DestinationCity>
                <DestinationState>TX</DestinationState>
                <EquipmentType>V</EquipmentType>
                <Length>53</Length>
                <Quantity>1</Quantity>
              </ImportLoad>
            </Loads>
          </LoadImportFull>
        </Imports>
```

```
    </myImport>';

try {
print_r(soaprequest('http://importswsbeta.truckstop.com/LoadsImportsWS.asmx',
'http://Truckstop.com/webservices', 'LoadImportFullService', $xml));
} catch (Exception $e) {
echo "Exception: ".$e;
}
...
```

PHP Partial Load Import

```
...
require 'libSoapXMLRequest.php';
$xml = '<myImport>
        <UserName>xxxxx</UserName>
        <Password>xxxxx</Password>
        <Imports>
          <LoadImportPartial>
            <IntegrationID>4</IntegrationID>
            <UpdateLoads>
              <ImportLoad>
                <LoadNumber>105990</LoadNumber>
                <PickupDate>2008-06-25</PickupDate>
                <OriginCity>Kansas City</OriginCity>
                <OriginState>MO</OriginState>
                <DestinationCity>Dallas</DestinationCity>
                <DestinationState>TX</DestinationState>
                <EquipmentType>V</EquipmentType>
                <Length>53</Length>
                <Quantity>1</Quantity>
              </ImportLoad>
            </UpdateLoads>
          </LoadImportPartial>
        </Imports>
    </myImport>';

try {
print_r(soaprequest('http://importswsbeta.truckstop.com/LoadsImportsWS.asmx',
'http://Truckstop.com/webservices', 'LoadImportPartialService', $xml));
} catch (Exception $e) {
echo "Exception: ".$e;
}
...
```

PHP Get Imported Loads

```
...
require 'libSoapXMLRequest.php';
$xml = '<myLoadsRequest>
        <UserName>xxxxx</UserName>
        <Password>xxxxx</Password>
```

```
      <IntegrationIDs>
        <int>4</int>
      </IntegrationIDs>
    </myLoadsRequest>';

try {
print_r(soaprequest('http://importswsbeta.truckstop.com', 'http://Truckstop.com/webservices',
'GetImportedLoadsService', $xml));
} catch (Exception $e) {
echo "Exception: ".$e;
}
...
```