

```

UnitTest1.cs
using System;
using Microsoft.VisualStudio.TestTools.UnitTesting;

```

```

namespace siva.test
{
    [TestClass]
    public class UnitTest1
    {
        [TestMethod]
        public void TestMethod1()
        {
            try
            {

                var dao = new DAL.DbUsuario();

                Assert.Fail();

            }
            catch (Exception ex)
            {

                throw;
            }
        }
    }
}

```

```

siva.test.csproj
<?xml version="1.0" encoding="utf-8"?>
<Project ToolsVersion="14.0" DefaultTargets="Build" xmlns="http://schemas.microsoft.com/developer/msbuild/2003">
  <PropertyGroup>
    <Configuration Condition="'$(Configuration)' == " ">Debug</Configuration>
    <Platform Condition="'$(Platform)' == " ">AnyCPU</Platform>
    <ProjectGuid>{FF6C2E78-7103-4C96-B8F5-DA0CC4944593}</ProjectGuid>
    <OutputType>Library</OutputType>
    <AppDesignerFolder>Properties</AppDesignerFolder>
    <RootNamespace>siva.test</RootNamespace>
    <AssemblyName>siva.test</AssemblyName>
    <TargetFrameworkVersion>v4.5.2</TargetFrameworkVersion>
    <FileAlignment>512</FileAlignment>
    <ProjectTypeGuids>{3AC096D0-A1C2-E12C-1390-A8335801FDAB};{FAE04EC0-301F-11D3-BF4B-00C04F79EFBC}</ProjectTypeGuids>
    <VisualStudioVersion Condition="'$(VisualStudioVersion)' == "">10.0</VisualStudioVersion>
    <VSToolsPath Condition="'$(VSToolsPath)' == "">$(MSBuildExtensionsPath32)\Microsoft\VisualStudio\v$(VisualStudioVersion)\VSToolsPath>
    <ReferencePath>$(ProgramFiles)\Common Files\microsoft
shared\VSTT\$(VisualStudioVersion)\UITestExtensionPackages</ReferencePath>
    <IsCodedUITest>False</IsCodedUITest>
    <TestProjectType>UnitTest</TestProjectType>
  </PropertyGroup>

```

```

<PropertyGroup Condition=" '$(Configuration)|$(Platform)' == 'Debug|AnyCPU' ">
  <DebugSymbols>true</DebugSymbols>
  <DebugType>full</DebugType>
  <Optimize>false</Optimize>
  <OutputPath>bin\Debug\</OutputPath>
  <DefineConstants>DEBUG;TRACE</DefineConstants>
  <ErrorReport>prompt</ErrorReport>
  <WarningLevel>4</WarningLevel>
</PropertyGroup>
<PropertyGroup Condition=" '$(Configuration)|$(Platform)' == 'Release|AnyCPU' ">
  <DebugType>pdbonly</DebugType>
  <Optimize>true</Optimize>
  <OutputPath>bin\Release\</OutputPath>
  <DefineConstants>TRACE</DefineConstants>
  <ErrorReport>prompt</ErrorReport>
  <WarningLevel>4</WarningLevel>
</PropertyGroup>
<ItemGroup>
  <Reference Include="DBBroker, Version=1.1.0.0, Culture=neutral, processorArchitecture=MSIL">
    <HintPath>..\packages\DBBroker.1.1.0\lib\net20\DBBroker.dll</HintPath>
    <Private>True</Private>
  </Reference>
  <Reference Include="System" />
</ItemGroup>
<Choose>
  <When Condition="('$(VisualStudioVersion)' == '10.0' or '$(VisualStudioVersion)' == '') and
$(TargetFrameworkVersion)' == 'v3.5'">
    <ItemGroup>
      <Reference Include="Microsoft.VisualStudio.QualityTools.UnitTestFramework, Version=10.1.0.0,
Culture=neutral, PublicKeyToken=b03f5f7f11d50a3a, processorArchitecture=MSIL" />
    </ItemGroup>
  </When>
  <Otherwise>
    <ItemGroup>
      <Reference Include="Microsoft.VisualStudio.QualityTools.UnitTestFramework" />
    </ItemGroup>
  </Otherwise>
</Choose>
<ItemGroup>
  <Compile Include="UnitTest1.cs" />
  <Compile Include="Properties\AssemblyInfo.cs" />
</ItemGroup>
<ItemGroup>
  <None Include="packages.config" />
</ItemGroup>
<ItemGroup>
  <ProjectReference Include="..\dal\DAL.csproj">
    <Project>{39f1c046-4d47-42e9-9e3b-552d80ac63c7}</Project>
    <Name>DAL</Name>
  </ProjectReference>
  <ProjectReference Include="..\presenter\Dominio.csproj">

```

```

    <Project>{0373cb03-5c3d-4246-aa2c-34d66f244ff2}</Project>
    <Name>Dominio</Name>
  </ProjectReference>
</ItemGroup>
<Choose>
  <When Condition="$(VisualStudioVersion) == '10.0' And '$(IsCodedUITest)' == 'True'">
    <ItemGroup>
      <Reference Include="Microsoft.VisualStudio.QualityTools.CodedUITestFramework, Version=10.0.0.0,
Culture=neutral, PublicKeyToken=b03f5f7f11d50a3a, processorArchitecture=MSIL">
        <Private>False</Private>
      </Reference>
      <Reference Include="Microsoft.VisualStudio.TestTools.UITest.Common, Version=10.0.0.0, Culture=neutral,
PublicKeyToken=b03f5f7f11d50a3a, processorArchitecture=MSIL">
        <Private>False</Private>
      </Reference>
      <Reference Include="Microsoft.VisualStudio.TestTools.UITest.Extension, Version=10.0.0.0, Culture=neutral,
PublicKeyToken=b03f5f7f11d50a3a, processorArchitecture=MSIL">
        <Private>False</Private>
      </Reference>
      <Reference Include="Microsoft.VisualStudio.TestTools.UITesting, Version=10.0.0.0, Culture=neutral,
PublicKeyToken=b03f5f7f11d50a3a, processorArchitecture=MSIL">
        <Private>False</Private>
      </Reference>
    </ItemGroup>
  </When>
</Choose>
<Import Project="$(VSToolsPath)\TeamTest\Microsoft.TestTools.targets"
Condition="Exists('$(VSToolsPath)\TeamTest\Microsoft.TestTools.targets)' />
<Import Project="$(MSBuildToolsPath)\Microsoft.CSharp.targets" />
<!-- To modify your build process, add your task inside one of the targets below and uncomment it.
     Other similar extension points exist, see Microsoft.Common.targets.
<Target Name="BeforeBuild">
</Target>
<Target Name="AfterBuild">
</Target>
-->
</Project>
AssemblyInfo.cs
using System.Reflection;
using System.Runtime.CompilerServices;
using System.Runtime.InteropServices;

// General Information about an assembly is controlled through the following
// set of attributes. Change these attribute values to modify the information
// associated with an assembly.
[assembly: AssemblyTitle("siva.test")]
[assembly: AssemblyDescription("")]
[assembly: AssemblyConfiguration("")]
[assembly: AssemblyCompany("")]
[assembly: AssemblyProduct("siva.test")]
[assembly: AssemblyCopyright("Copyright © 2016")]

```

```
[assembly: AssemblyTrademark("")]
```

```
[assembly: AssemblyCulture("")]
```

```
// Setting ComVisible to false makes the types in this assembly not visible  
// to COM components. If you need to access a type in this assembly from  
// COM, set the ComVisible attribute to true on that type.
```

```
[assembly: ComVisible(false)]
```

```
// The following GUID is for the ID of the typelib if this project is exposed to COM
```

```
[assembly: Guid("ff6c2e78-7103-4c96-b8f5-da0cc4944593")]
```

```
// Version information for an assembly consists of the following four values:
```

```
//
```

```
// Major Version
```

```
// Minor Version
```

```
// Build Number
```

```
// Revision
```

```
//
```

```
// You can specify all the values or you can default the Build and Revision Numbers
```

```
// by using the '*' as shown below:
```

```
// [assembly: AssemblyVersion("1.0.*")]
```

```
[assembly: AssemblyVersion("1.0.0.0")]
```

```
[assembly: AssemblyFileVersion("1.0.0.0")]
```

```
packages.config
```

```
<?xml version="1.0" encoding="utf-8"?>
```

```
<packages>
```

```
  <package id="DBBroker" version="1.1.0" targetFramework="net452" />
```

```
</packages>
```

```
TemporaryGeneratedFile_E7A71F73-0F8D-4B9B-B56E-8E70B10BC5D3.cs
```

```
TemporaryGeneratedFile_5937a670-0e60-4077-877b-f7221da3dda1.cs
```

```
TemporaryGeneratedFile_036C0B5B-1481-4323-8D20-8F5ADCB23D92.cs
```

```
DBBroker.config
```

```
siva.test|SQLServer|DATA SOURCE=201.76.148.38:1521|GENIPABU;PASSWORD=Soluc o!2016*2017;USER  
ID=DEVELOPER
```

```
Web.Release.config
```

```
<?xml version="1.0"?>
```

```
<!-- For more information on using Web.config transformation visit http://go.microsoft.com/fwlink/?LinkId=301874 -->
```

```
<configuration xmlns:xdt="http://schemas.microsoft.com/XML-Document-Transform">
```

```
<!--
```

```
In the example below, the "SetAttributes" transform will change the value of  
"connectionString" to use "ReleaseSQLServer" only when the "Match" locator  
finds an attribute "name" that has a value of "MyDB".
```

```
<connectionStrings>
```

```
  <add name="MyDB"
```

```
    connectionString="Data Source=ReleaseSQLServer;Initial Catalog=MyReleaseDB;Integrated Security=True"  
    xdt:Transform="SetAttributes" xdt:Locator="Match(name)"/>
```

```
</connectionStrings>
```

```
-->
```

```
<system.web>
  <compilation xdt:Transform="RemoveAttributes(debug)" />
<!--
```

In the example below, the "Replace" transform will replace the entire <customErrors> section of your Web.config file.

Note that because there is only one customErrors section under the <system.web> node, there is no need to use the "xdt:Locator" attribute.

```
  <customErrors defaultRedirect="GenericError.htm"
    mode="RemoteOnly" xdt:Transform="Replace">
    <error statusCode="500" redirect="InternalError.htm"/>
  </customErrors>
```

```
-->
```

```
</system.web>
```

```
</configuration>
```

Web.Debug.config

```
<?xml version="1.0"?>
```

```
<!-- For more information on using Web.config transformation visit http://go.microsoft.com/fwlink/?LinkId=301874 -->
```

```
<configuration xmlns:xdt="http://schemas.microsoft.com/XML-Document-Transform">
```

```
<!--
```

In the example below, the "SetAttributes" transform will change the value of "connectionString" to use "ReleaseSQLServer" only when the "Match" locator finds an attribute "name" that has a value of "MyDB".

```
<connectionStrings>
  <add name="MyDB"
    connectionString="Data Source=ReleaseSQLServer;Initial Catalog=MyReleaseDB;Integrated Security=True"
    xdt:Transform="SetAttributes" xdt:Locator="Match(name)"/>
</connectionStrings>
```

```
-->
```

```
<system.web>
```

```
<!--
```

In the example below, the "Replace" transform will replace the entire <customErrors> section of your Web.config file.

Note that because there is only one customErrors section under the <system.web> node, there is no need to use the "xdt:Locator" attribute.

```
  <customErrors defaultRedirect="GenericError.htm"
    mode="RemoteOnly" xdt:Transform="Replace">
    <error statusCode="500" redirect="InternalError.htm"/>
  </customErrors>
```

```
-->
```

```
</system.web>
```

```
</configuration>
```

Web.config

```
<?xml version="1.0" encoding="utf-8"?>
```

```
<!--
```

For more information on how to configure your ASP.NET application, please visit <http://go.microsoft.com/fwlink/?LinkId=301879>

```

-->
<configuration>
  <appSettings>
    <add key="webpages:Version" value="3.0.0.0" />
    <add key="webpages:Enabled" value="false" />
    <add key="ClientValidationEnabled" value="true" />
    <add key="UnobtrusiveJavaScriptEnabled" value="true" />
  </appSettings>
  <system.web>
    <compilation debug="true" targetFramework="4.5.2" />
    <httpRuntime targetFramework="4.5.2" />
  </system.web>
  <system.webServer>
    <handlers>
      <remove name="ExtensionlessUrlHandler-Integrated-4.0" />
      <remove name="OPTIONSVerbHandler" />
      <remove name="TRACEVerbHandler" />
      <add name="ExtensionlessUrlHandler-Integrated-4.0" path="*.;" verb="*"
type="System.Web.Handlers.TransferRequestHandler" preCondition="integratedMode,runtimeVersionv4.0" />
    </handlers>
  </system.webServer>
  <runtime>
    <assemblyBinding xmlns="urn:schemas-microsoft-com:asm.v1">
      <dependentAssembly>
        <assemblyIdentity name="Newtonsoft.Json" culture="neutral" publicKeyToken="30ad4fe6b2a6aeed" />
        <bindingRedirect oldVersion="0.0.0.0-6.0.0.0" newVersion="6.0.0.0" />
      </dependentAssembly>
      <dependentAssembly>
        <assemblyIdentity name="System.Web.Optimization" publicKeyToken="31bf3856ad364e35" />
        <bindingRedirect oldVersion="1.0.0.0-1.1.0.0" newVersion="1.1.0.0" />
      </dependentAssembly>
      <dependentAssembly>
        <assemblyIdentity name="WebGrease" publicKeyToken="31bf3856ad364e35" />
        <bindingRedirect oldVersion="0.0.0.0-1.5.2.14234" newVersion="1.5.2.14234" />
      </dependentAssembly>
      <dependentAssembly>
        <assemblyIdentity name="System.Web.Helpers" publicKeyToken="31bf3856ad364e35" />
        <bindingRedirect oldVersion="1.0.0.0-3.0.0.0" newVersion="3.0.0.0" />
      </dependentAssembly>
      <dependentAssembly>
        <assemblyIdentity name="System.Web.WebPages" publicKeyToken="31bf3856ad364e35" />
        <bindingRedirect oldVersion="1.0.0.0-3.0.0.0" newVersion="3.0.0.0" />
      </dependentAssembly>
      <dependentAssembly>
        <assemblyIdentity name="System.Web.Mvc" publicKeyToken="31bf3856ad364e35" />
        <bindingRedirect oldVersion="1.0.0.0-5.2.3.0" newVersion="5.2.3.0" />
      </dependentAssembly>
    </assemblyBinding>
  </runtime>
  <system.codedom>
    <compilers>

```

```

    <compiler language="c#;cs;csharp" extension=".cs"
type="Microsoft.CodeDom.Providers.DotNetCompilerPlatform.CSharpCodeProvider,
Microsoft.CodeDom.Providers.DotNetCompilerPlatform, Version=1.0.0.0, Culture=neutral,
PublicKeyToken=31bf3856ad364e35" warningLevel="4" compilerOptions="/langversion:6 /nowarn:1659;1699;1701"
/>
    <compiler language="vb;vbs;visualbasic;vbscript" extension=".vb"
type="Microsoft.CodeDom.Providers.DotNetCompilerPlatform.VBCodeProvider,
Microsoft.CodeDom.Providers.DotNetCompilerPlatform, Version=1.0.0.0, Culture=neutral,
PublicKeyToken=31bf3856ad364e35" warningLevel="4" compilerOptions="/langversion:14 /nowarn:41008
/define:_MYTYPE=\&quot;Web\&quot; /optionInfer+" />
    </compilers>
</system.codedom>
</configuration>
Web.config
<?xml version="1.0"?>

<configuration>
  <configSections>
    <sectionGroup name="system.web.webPages.razor"
type="System.Web.WebPages.Razor.Configuration.RazorWebSectionGroup, System.Web.WebPages.Razor,
Version=3.0.0.0, Culture=neutral, PublicKeyToken=31BF3856AD364E35">
      <section name="host" type="System.Web.WebPages.Razor.Configuration.HostSection,
System.Web.WebPages.Razor, Version=3.0.0.0, Culture=neutral, PublicKeyToken=31BF3856AD364E35"
requirePermission="false" />
      <section name="pages" type="System.Web.WebPages.Razor.Configuration.RazorPagesSection,
System.Web.WebPages.Razor, Version=3.0.0.0, Culture=neutral, PublicKeyToken=31BF3856AD364E35"
requirePermission="false" />
    </sectionGroup>
  </configSections>

  <system.web.webPages.razor>
    <host factoryType="System.Web.Mvc.MvcWebRazorHostFactory, System.Web.Mvc, Version=5.2.3.0,
Culture=neutral, PublicKeyToken=31BF3856AD364E35" />
    <pages pageBaseType="System.Web.Mvc.WebViewPage">
      <namespaces>
        <add namespace="System.Web.Mvc" />
        <add namespace="System.Web.Mvc.Ajax" />
        <add namespace="System.Web.Mvc.Html" />
        <add namespace="System.Web.Optimization"/>
        <add namespace="System.Web.Routing" />
        <add namespace="siva.api" />
      </namespaces>
    </pages>
  </system.web.webPages.razor>

  <appSettings>
    <add key="webpages:Enabled" value="false" />
  </appSettings>

  <system.webServer>
    <handlers>

```

```

        <remove name="BlockViewHandler"/>
        <add name="BlockViewHandler" path="*" verb="*" preCondition="integratedMode"
type="System.Web.HttpNotFoundHandler" />
    </handlers>
</system.webServer>

<system.web>
    <customErrors mode="Off"/>
    <compilation>
        <assemblies>
            <add assembly="System.Web.Mvc, Version=5.2.3.0, Culture=neutral, PublicKeyToken=31BF3856AD364E35" />
        </assemblies>
    </compilation>
</system.web>
</configuration>
VincularPrefeitura.cshtml
@model siva.api.Models.UsuarioPrefeituraViewModel

```

```

<div role="main" class="right_col">
    <div>
        <div class="page-title">
            <div class="title_left">
                <h3>Cadastro de Usuários \ Vincular Prefeituras</h3>
            </div>
        </div>
        <div class="clearfix"></div>
        <div class="row">
            <div class="col-md-12 col-sm-12 col-xs-12">
                <div class="x_panel">
                    <div class="x_content">
                        <div class="panel panel-default">
                            <!-- Default panel contents -->
                            <div class="panel-heading">Dados do Usuário</div>
                            <!-- List group -->
                            <ul class="list-group">
                                <li class="list-group-item">
                                    <div class="item form-group">
                                        <label class="control-label col-md-3 col-sm-3 col-xs-12" for="prefeito">
                                            Nome
                                        </label>
                                        <div class="col-md-6 col-sm-6 col-xs-12">
                                            @Model.Usuario.NM_USUARIO
                                        </div>
                                    </div>
                                </li>
                                <li class="list-group-item">
                                    <div class="item form-group">
                                        <label class="control-label col-md-3 col-sm-3 col-xs-12" for="prefeito">
                                            Login
                                        </label>
                                        <div class="col-md-6 col-sm-6 col-xs-12">

```



```

        @Model.Usuario.LOGIN
    </div>
</div>
</li>
<li class="list-group-item">
    <div class="item form-group">
        <label class="control-label col-md-3 col-sm-3 col-xs-12" for="secretarioTributacao">
            Criado em:
        </label>
        <div class="col-md-6 col-sm-6 col-xs-12">
            @Model.Usuario.DT_INCLUSAO.ToString("dd/MM/yyyy hh:mm:ss")
        </div>
    </div>
</li>
</ul>
</div>
<br />
<div class="panel panel-default">
    <!-- Default panel contents -->
    <div class="panel-heading">Vincular Prefeituras</div>
    <div class="panel-body">
        <div class="row">
            <div class="col-md-12">
                <ul class="list-group">

                    @{
                        for (var i = 0; i < Model.PrefeituraList.Count; i++)
                        {

                            var prefeitura = Model.PrefeituraList[i];

                            var permissao = Model.UsuarioPrefeituraList.Contains(prefeitura.SQ_PREFEITURA);

                            <li class="list-group-item">
                                <label>
                                    @Html.Raw(prefeitura.NM_PREFEITURA)
                                    @Html.CheckBox("prefeiturasSelecionadas", permissao , new { value =
prefeitura.SQ_PREFEITURA, @class = "js-switch" })
                                </label>
                            </li>
                        }
                    }

                </ul>

            </div>
        </div>
    </div>
</div>
<div class="ln_solid"></div>

```

```

        <div class="form-group">
            <div class="col-md-6">
                <a href="@Url.Action("Index")" class="btn btn-danger">Cancelar</a>
                <button id="cmdVincular" type="button" class="btn btn-success" data-
key="@Model.Usuario.SQ_USUARIO">Vincular</button>
            </div>
        </div>

```

```

    </div>
</div>
</div>
</div>
</div>
</div>

```

```

@section scripts {

```

```

<!--Datatables-->
<script src="~/Content/vendors/datatables.net/js/jquery.dataTables.min.js"></script>
<script src="~/Content/vendors/datatables.net-bs/js/dataTables.bootstrap.min.js"></script>
<script src="~/Content/vendors/datatables.net-buttons/js/dataTables.buttons.min.js"></script>
<script src="~/Content/vendors/datatables.net-buttons-bs/js/buttons.bootstrap.min.js"></script>
<script src="~/Content/vendors/datatables.net-buttons/js/buttons.flash.min.js"></script>
<script src="~/Content/vendors/datatables.net-buttons/js/buttons.html5.min.js"></script>
<script src="~/Content/vendors/datatables.net-buttons/js/buttons.print.min.js"></script>
<script src="~/Content/vendors/datatables.net-fixedheader/js/dataTables.fixedHeader.min.js"></script>
<script src="~/Content/vendors/datatables.net-keytable/js/dataTables.keyTable.min.js"></script>
<script src="~/Content/vendors/datatables.net-responsive/js/dataTables.responsive.min.js"></script>
<script src="~/Content/vendors/datatables.net-responsive-bs/js/responsive.bootstrap.js"></script>
<script src="~/Content/vendors/datatables.net-scroller/js/dataTables.scroller.min.js"></script>
<script src="~/Content/vendors/jszip/dist/jszip.min.js"></script>
<script src="~/Content/vendors/pdfmake/build/pdfmake.min.js"></script>
<script src="~/Content/vendors/pdfmake/build/vfs_fonts.js"></script>

```

```

<script type="text/javascript">

```

```

    $(document).ready(function () {

```

```

        $("#cmdVincular").on('click', function () {

```

```

            var _self = $(this);

```

```

            var prefeiturasSel = [];

```

```

            $("input[name='prefeiturasSelecionadas']:checked").each(function () {

```

```

                prefeiturasSel.push($(this).val());

```

```

            });

```

```

var UsuarioPrefeituraViewModel = {

    Usuario: {
        SQ_USUARIO: _self.data('key')
    },
    UsuarioPrefeituraList: prefeiturasSel

};

```

```

$.ajax({
    type: "POST",
    url: '@Url.Action("Vincular", "Usuario")',
    dataType: "json",
    success: function (data) {
        if (data.ex != null) {
            return alert(data.ex);
        }

        if (data.Result != null) {

            document.location.href = '@Url.Action("Index", "Usuario")';
        }

    },
    data: { UsuarioPrefeituraViewModel }
});

```

```

});

```

```

});

```

```

</script>

```

```

}
Novo.cshtml

```

```

@{
    Layout = "~/Views/Shared/_Layout.cshtml";
}

```

```

<div role="main" class="right_col">
    <div>
        <div class="page-title">
            <div class="title_left">
                <h3>Usuários</h3>
            </div>
        </div>
        <div class="clearfix"></div>
        <div class="row">
            <div class="col-md-12 col-sm-12 col-xs-12">

```

```

<div class="x_panel">
  <div class="x_title">
    <h2>Novo Usuário</h2>
    <div class="clearfix"></div>
  </div>
  <div class="x_content">
    <form class="form-horizontal form-label-left" method="post" action="@Url.Action("Cadastrar")"
novalidate>

      <div class="item form-group">
        <label class="control-label col-md-3 col-sm-3 col-xs-12" for="nome">
          Nome <span class="required">*</span>
        </label>
        <div class="col-md-6 col-sm-6 col-xs-12">
          <input id="nome" class="form-control col-md-7 col-xs-12" name="NM_USUARIO"
placeholder="Informe o nome do usuário" required="required" type="text">
        </div>
      </div>

      <div class="item form-group">
        <label class="control-label col-md-3 col-sm-3 col-xs-12" for="login">
          Login <span class="required">*</span>
        </label>
        <div class="col-md-6 col-sm-6 col-xs-12">
          <input id="login" class="form-control col-md-7 col-xs-12" name="LOGIN" placeholder="Informe
o login do usuário" required="required" type="text">
        </div>
      </div>

      <div class="item form-group">
        <label class="control-label col-md-3 col-sm-3 col-xs-12" for="senha">
          Senha <span class="required">*</span>
        </label>
        <div class="col-md-6 col-sm-6 col-xs-12">
          <input id="senha" class="form-control col-md-7 col-xs-12" name="SENHA"
placeholder="Informe a nova senha" required="required" type="password">
        </div>
      </div>

      <div class="item form-group">
        <label class="control-label col-md-3 col-sm-3 col-xs-12" for="administrador">
          Administrador
        </label>
        <div class="col-md-6 col-sm-6 col-xs-12">
          @Html.CheckBox("administrador", false, new { @class = "js-switch" })
        </div>
      </div>

    <div class="ln_solid"></div>
    <div class="form-group">
      <div class="col-md-6 col-md-offset-3">

```

```

        <button id="send" type="submit" class="btn btn-success">Cadastrar</button>
        <a href="@Url.Action("Index")" class="btn btn-danger">Cancelar</a>
    </div>
</div>
</form>
</div>
</div>
</div>
</div>
</div>
</div>

```

```
@section scripts {
```

```

<!-- validator -->
<script>
    // initialize the validator function
    validator.message.date = 'not a real date';

    // validate a field on "blur" event, a 'select' on 'change' event & a '.required' classed multifield on 'keyup':
    $('form')
        .on('blur', 'input[required], input.optional, select.required', validator.checkField)
        .on('change', 'select.required', validator.checkField);

    $('.multi.required').on('blur', 'input', function () {
        validator.checkField.apply($(this).siblings().last()[0]);
    });

    $('form').submit(function (e) {

        e.preventDefault();

        var submit = true;

        // evaluate the form using generic validaing
        if (!validator.checkAll($(this))) {
            submit = false;
        }

        if (submit)
            this.submit();

        return false;
    });

    @Html.Raw(TempData["msg"])

</script>

```

[illegible]

```

                <a href="@Url.Action("VincularPrefeitura", new {Id = row.SQ_USUARIO })"
class="cmdVincularPrefeitura" data-key="@row.SQ_USUARIO"><span class="glyphicon glyphicon-th-list" aria-
hidden="true"></span> Vincular Prefeituras</a>
            </li>
        </ul>
    </div>
</td>
</tr>
}

```

```

    </tbody>
</table>
</div>
<div class="form-group">
    <div class="col-md-6">
        <button id="novo" type="button" class="btn btn-success">Novo Usuário</button>
    </div>
</div>
</div>
</div>
</div>
</div>

```

```
@section scripts {
```

```

<!--Datatables-->
<script src="~/Content/vendors/datatables.net/js/jquery.dataTables.min.js"></script>
<script src="~/Content/vendors/datatables.net-bs/js/dataTables.bootstrap.min.js"></script>
<script src="~/Content/vendors/datatables.net-buttons/js/dataTables.buttons.min.js"></script>
<script src="~/Content/vendors/datatables.net-buttons-bs/js/buttons.bootstrap.min.js"></script>
<script src="~/Content/vendors/datatables.net-buttons/js/buttons.flash.min.js"></script>
<script src="~/Content/vendors/datatables.net-buttons/js/buttons.html5.min.js"></script>
<script src="~/Content/vendors/datatables.net-buttons/js/buttons.print.min.js"></script>
<script src="~/Content/vendors/datatables.net-fixedheader/js/dataTables.fixedHeader.min.js"></script>
<script src="~/Content/vendors/datatables.net-keytable/js/dataTables.keyTable.min.js"></script>
<script src="~/Content/vendors/datatables.net-responsive/js/dataTables.responsive.min.js"></script>
<script src="~/Content/vendors/datatables.net-responsive-bs/js/responsive.bootstrap.js"></script>
<script src="~/Content/vendors/datatables.net-scroller/js/datatables.scroller.min.js"></script>
<script src="~/Content/vendors/jszip/dist/jszip.min.js"></script>
<script src="~/Content/vendors/pdfmake/build/pdfmake.min.js"></script>
<script src="~/Content/vendors/pdfmake/build/vfs_fonts.js"></script>
<script>
    $(document).ready(function () {

        $("#novo").on('click', function () {

            document.location.href = '@Url.Action("Novo", "Usuario")';

        });
    });

```

```

$(".cmdExcluir").on('click', function () {

    var _self = $(this);

    if (confirm('deseja realmente excluir?')) {

        $.ajax({
            type: "POST",
            url: '@Url.Action("Excluir", "Usuario")',
            dataType: "json",
            success: function (data) {

                if (data.ex != null) {
                    return alert(data.ex);
                }

                if (data.result != null) {

                    document.location.href = '@Url.Action("Index", "Usuario")';

                }

            },
            data: { SQ_USUARIO: _self.data('key') }
        });

    }

});

var handleDataTableButtons = function () {
    if ($("#datatable-buttons").length) {
        $("#datatable-buttons").DataTable({
            dom: "Bfrtip",
            buttons: [
                {
                    extend: "copy",
                    className: "btn-sm"
                },
                {
                    extend: "csv",
                    className: "btn-sm"
                },
                {
                    extend: "excel",
                    className: "btn-sm"
                },
                {
                    extend: "pdfHtml5",
                    className: "btn-sm"
                }
            ]
        });
    }
}

```



```

        },
        {
            extend: "print",
            className: "btn-sm"
        },
    ],
    responsive: true
});
}
};
TableManageButtons = function () {
    "use strict";
    return {
        init: function () {
            handleDataTableButtons();
        }
    };
}();
$('#datatable').dataTable();
$('#datatable-keytable').DataTable({
    keys: true
});
$('#datatable-responsive').DataTable();
$('#datatable-scroller').DataTable({
    ajax: "js/datatables/json/scroller-demo.json",
    deferRender: true,
    scrollY: 380,
    scrollCollapse: true,
    scroller: true
});
$('#datatable-fixed-header').DataTable({
    fixedHeader: true
});
var $datatable = $('#datatable-checkbox');
$datatable.dataTable({
    'order': [[1, 'asc']],
    'columnDefs': [
        { orderable: false, targets: [0] }
    ]
});
$datatable.on('draw.dt', function () {
    $('input').iCheck({
        checkboxClass: 'icheckbox_flat-green'
    });
});
TableManageButtons.init();
});
</script>

```

```
@{
    Layout = "~/Views/Shared/_Layout.cshtml";
}
```

```
<div role="main" class="right_col">
    <div>
        <div class="page-title">
            <div class="title_left">
                <h3>Cadastro de Usuários</h3>
            </div>
        </div>
        <div class="clearfix"></div>
        <div class="row">
            <div class="col-md-12 col-sm-12 col-xs-12">
                <div class="x_panel">
                    <div class="x_title">
                        <h2>Alterar Senha</h2>
                        <div class="clearfix"></div>
                    </div>
                    <div class="x_content">
                        <form class="form-horizontal form-label-left" method="post" action="@Url.Action("Alterar")" novalidate>

                            <div class="item form-group">
                                <label class="control-label col-md-3 col-sm-3 col-xs-12" for="senha">
                                    Nova Senha <span class="required">*</span>
                                </label>
                                <div class="col-md-6 col-sm-6 col-xs-12">
                                    <input id="senha" class="form-control col-md-7 col-xs-12" name="senha" placeholder="Informe
a nova senha" required="required" type="password">
                                </div>
                            </div>

                            <div class="ln_solid"></div>
                            <div class="form-group">
                                <div class="col-md-6 col-md-offset-3">
                                    <button id="send" type="submit" class="btn btn-success">Alterar Senha</button>
                                </div>
                            </div>
                        </form>
                    </div>
                </div>
            </div>
        </div>
    </div>
</div>
```

```
@section scripts {
```

```

<!-- validator -->
<script>
    // initialize the validator function
    validator.message.date = 'not a real date';

    // validate a field on "blur" event, a 'select' on 'change' event & a '.required' classed multifield on 'keyup':
    $('form')
        .on('blur', 'input[required], input.optional, select.required', validator.checkField)
        .on('change', 'select.required', validator.checkField);

    $('.multi.required').on('blur', 'input', function () {
        validator.checkField.apply($(this).siblings().last()[0]);
    });

    $('form').submit(function (e) {

        e.preventDefault();

        var submit = true;

        // evaluate the form using generic validating
        if (!validator.checkAll($(this))) {
            submit = false;
        }

        if (submit)
            this.submit();

        return false;
    });

    @Html.Raw(TempData["msg"])

</script>

}

```

Index.cshtml

```

@{
    Layout = "~/Views/Shared/_Layout.cshtml";
}

<div role="main" class="right_col">
    <div>
        <div class="page-title">
            <div class="title_left">
                <h3>CTE - Tomador do Serviço</h3>
            </div>
        </div>
        <div class="clearfix"></div>
    <div class="row">

```

```

<div class="col-md-12 col-sm-12 col-xs-12">
  <div class="x_panel">
    <div class="x_title">
      <h2>Consulta</h2>
      <div class="clearfix"></div>
    </div>
    <div class="x_content">
      <form class="form-horizontal form-label-left" method="post" action="@Url.Action("Consultar")"
novalidate>

        <div class="item form-group">
          <label class="control-label col-md-3 col-sm-3 col-xs-12">
            CNPJ <span class="required">*</span>
          </label>
          <div class="col-md-2">
            <input id="cnpj" class="form-control" name="CNPJ" placeholder="Informe o CNPJ"
required="required" type="text" data-mask="cnpj">
          </div>
        </div>

        <div class="item form-group">
          <label class="control-label col-md-3 col-sm-3 col-xs-12">
            Período <span class="required">*</span>
          </label>
          <div class="col-md-1">
            <input id="data_inicial" class="form-control date-picker" name="dataInicial"
placeholder="Informe a Data Inicial" required="required" type="text" data-mask="date">
          </div>
          <div class="col-md-1">
            <input id="data_final" class="form-control date-picker" name="dataFinal" placeholder="Informe
a Data Final" required="required" type="text" data-mask="date">
          </div>
        </div>

        <div class="ln_solid"></div>
        <div class="form-group">
          <div class="col-md-6 col-md-offset-3">
            <button id="cmdConsultar" type="submit" class="btn btn-success" onclick="alert('em
desenvolvimento'); return false;">Consultar</button>
          </div>
        </div>
      </form>
    </div>
  </div>
</div>
</div>
</div>
</div>
</div>

```

@section scripts {

```
<script type="text/javascript">
```

```
$(document).ready(function () {
```

```
    $('form')
```

```
        .on('blur', 'input[required], input.optional, select.required', validator.checkField)
```

```
        .on('change', 'select.required', validator.checkField);
```

```
    $('.multi.required').on('blur', 'input', function () {
```

```
        validator.checkField.apply($(this).siblings().last()[0]);
```

```
    });
```

```
    $('form').submit(function (e) {
```

```
        e.preventDefault();
```

```
        var submit = true;
```

```
        if (!validator.checkAll($(this))) {
```

```
            submit = false;
```

```
        }
```

```
        if (submit)
```

```
        {
```

```
            this.submit();
```

```
        }
```

```
        return false;
```

```
    });
```

```
});
```

```
@Html.Raw(TempData["msg"])
```

```
</script>
```

```
}
```

```
Index.cshtml
```

```
@{
```

```
    Layout = "~/Views/Shared/_Layout.cshtml";
```

```
}
```

```
<div role="main" class="right_col">
```

```
    <div>
```

```
        <div class="page-title">
```

```
            <div class="title_left">
```

```
                <h3>CTE - Tomador Recebedor</h3>
```

```

    </div>
</div>
<div class="clearfix"></div>
<div class="row">
    <div class="col-md-12 col-sm-12 col-xs-12">
        <div class="x_panel">
            <div class="x_title">
                <h2>Consulta</h2>
                <div class="clearfix"></div>
            </div>
            <div class="x_content">
                <form class="form-horizontal form-label-left" method="post" action="@Url.Action("Consultar")"
novalidate>

                    <div class="item form-group">
                        <label class="control-label col-md-3 col-sm-3 col-xs-12">
                            CNPJ <span class="required">*</span>
                        </label>
                        <div class="col-md-2">
                            <input id="cnpj" class="form-control" name="CNPJ" placeholder="Informe o CNPJ"
required="required" type="text" data-mask="cnpj">
                        </div>
                    </div>

                    <div class="item form-group">
                        <label class="control-label col-md-3 col-sm-3 col-xs-12">
                            Período <span class="required">*</span>
                        </label>
                        <div class="col-md-1">
                            <input id="data_inicial" class="form-control date-picker" name="dataInicial"
placeholder="Informe a Data Inicial" required="required" type="text" data-mask="date">
                        </div>
                        <div class="col-md-1">
                            <input id="data_final" class="form-control date-picker" name="dataFinal" placeholder="Informe
a Data Final" required="required" type="text" data-mask="date">
                        </div>
                    </div>

                    <div class="ln_solid"></div>
                    <div class="form-group">
                        <div class="col-md-6 col-md-offset-3">
                            <button id="cmdConsultar" type="submit" class="btn btn-success" onclick="alert('em
desenvolvimento'); return false;">Consultar</button>
                        </div>
                    </div>
                </form>
            </div>
        </div>
    </div>
</div>
</div>

```

</div>

@section scripts {

<script type="text/javascript">

\$(document).ready(function () {

\$('#form')

.on('blur', 'input[required], input.optional, select.required', validator.checkField)

.on('change', 'select.required', validator.checkField);

\$('.multi.required').on('blur', 'input', function () {

validator.checkField.apply(\$(this).siblings().last()[0]);

});

\$('#form').submit(function (e) {

e.preventDefault();

var submit = true;

if (!validator.checkAll(\$(this))) {

submit = false;

}

if (submit)

{

this.submit();

}

return false;

});

});

@Html.Raw(TempData["msg"])

</script>

}

Index.cshtml

@{

Layout = "~/Views/Shared/\_Layout.cshtml";

}

<div role="main" class="right\_col">

```

<div>
  <div class="page-title">
    <div class="title_left">
      <h3>CTE - Tomador Expedidor</h3>
    </div>
  </div>
</div>
<div class="clearfix"></div>
<div class="row">
  <div class="col-md-12 col-sm-12 col-xs-12">
    <div class="x_panel">
      <div class="x_title">
        <h2>Consulta</h2>
        <div class="clearfix"></div>
      </div>
      <div class="x_content">
        <form class="form-horizontal form-label-left" method="post" action="@Url.Action("Consultar")"
novalidate>

          <div class="item form-group">
            <label class="control-label col-md-3 col-sm-3 col-xs-12">
              CNPJ <span class="required">*</span>
            </label>
            <div class="col-md-2">
              <input id="cnpj" class="form-control" name="CNPJ" placeholder="Informe o CNPJ"
required="required" type="text" data-mask="cnpj">
            </div>
          </div>

          <div class="item form-group">
            <label class="control-label col-md-3 col-sm-3 col-xs-12">
              Período <span class="required">*</span>
            </label>
            <div class="col-md-1">
              <input id="data_inicial" class="form-control date-picker" name="dataInicial"
placeholder="Informe a Data Inicial" required="required" type="text" data-mask="date">
            </div>
            <div class="col-md-1">
              <input id="data_final" class="form-control date-picker" name="dataFinal" placeholder="Informe
a Data Final" required="required" type="text" data-mask="date">
            </div>
          </div>

          <div class="ln_solid"></div>
          <div class="form-group">
            <div class="col-md-6 col-md-offset-3">
              <button id="cmdConsultar" type="submit" class="btn btn-success" onclick="alert('em
desenvolvimento'); return false;">Consultar</button>
            </div>
          </div>
        </form>
      </div>
    </div>
  </div>
</div>

```



```
        </div>
    </div>
</div>
</div>
</div>
```

```
@section scripts {
```

```
<script type="text/javascript">
```

```
$(document).ready(function () {
```

```
    $('form')
```

```
        .on('blur', 'input[required], input.optional, select.required', validator.checkField)
```

```
        .on('change', 'select.required', validator.checkField);
```

```
    $('.multi.required').on('blur', 'input', function () {
```

```
        validator.checkField.apply($(this).siblings().last()[0]);
```

```
    });
```

```
    $('form').submit(function (e) {
```

```
        e.preventDefault();
```

```
        var submit = true;
```

```
        if (!validator.checkAll($(this))) {
```

```
            submit = false;
```

```
        }
```

```
        if (submit)
```

```
        {
```

```
            this.submit();
```

```
        }
```

```
        return false;
```

```
    });
```

```
});
```

```
@Html.Raw(TempData["msg"])
```

```
</script>
```

```
}
```

```
Error.cshtml
```

```
<!DOCTYPE html>
```

```

<html>
<head>
  <meta name="viewport" content="width=device-width" />
  <title>Error</title>
</head>
<body>
  <hgroup>
    <h1>Error.</h1>
    <h2>An error occurred while processing your request.</h2>
  </hgroup>
</body>
</html>

```

\_Layout.cshtml

```

@{
  var usuarioLogado = (Session["UsuarioLogado"] as Dominio.Usuario);
}
<!DOCTYPE html>
<html lang="en">
<head>
  <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
  <!-- Meta, title, CSS, favicons, etc.-->
  <meta charset="utf-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <title>Solução Tributos </title>

  <!-- Bootstrap-->
  <link href="~/Content/vendors/bootstrap/dist/css/bootstrap.min.css" rel="stylesheet">

  <!-- Font Awesome-->
  <link href="~/Content/vendors/font-awesome/css/font-awesome.min.css" rel="stylesheet">

  <!-- Custom Theme Style-->
  <link href="~/Content/build/css/custom.min.css" rel="stylesheet">

  <!-- FullCalendar -->
  <link href="~/Content/vendors/fullcalendar/dist/fullcalendar.min.css" rel="stylesheet">

  <!--calendar-->
  <link href="~/Content/vendors/fullcalendar/dist/fullcalendar.print.css" rel="stylesheet" media="print">

  <!-- Switchery -->
  <link href="~/Content/vendors/switchery/dist/switchery.min.css" rel="stylesheet">

  <!-- Select2 -->
  <link href="~/Content/vendors/select2/dist/css/select2.min.css" rel="stylesheet">

</head>
<body class="nav-md">
  <div class="container body">
    <div class="main_container">

```

```

<div class="col-md-3 left_col">
  <div class="left_col scroll-view">
    <div style="border: 0;" class="navbar nav_title"><a href="@Url.Action("Index", "Principal")"
class="site_title"><span>SIVA</span></a></div>
    <div class="clearfix"></div><br>
    <div class="profile">
      <div class="profile_pic">
        
      </div>
      <div class="profile_info">
        <span>Bem vindo,</span>
        <h2>@Html.Raw(usuarioLogado.LOGIN)</h2>
      </div>
    </div>
    <div class="clearfix"></div><br>
    <!-- sidebar menu-->
    <div id="sidebar-menu" class="main_menu_side hidden-print main_menu">
      <div class="menu_section">
        <ul class="nav side-menu">
          <li>
            <a><i class="fa fa-table"></i> Consultas <span class="fa fa-chevron-down"></span></a>
            <ul class="nav child_menu">
              <li><a href="@Url.Action("Index", "Gim")">Guia Mensal</a></li>
              <li><a href="@Url.Action("Index", "InformativoFiscal")">Informativo Fiscal</a></li>
              <li>
                <a><i class="fa fa-truck"></i> CTE<span class="fa fa-chevron-down"></span></a>
                <ul class="nav child_menu">
                  <li><a href="@Url.Action("Index", "RemetenteCte")">Remetente</a></li>
                  <li><a href="@Url.Action("Index", "DestinatarioCte")">Destinatário</a></li>
                  <li><a href="@Url.Action("Index", "EmitenteCte")">Emitente</a></li>
                  <li><a href="@Url.Action("Index", "TomadorServicoCte")">Tomador do Serviço</a></li>
                  <li><a href="@Url.Action("Index", "TomadorExpedidorCte")">Tomador
Expedidor</a></li>
                  <li><a href="@Url.Action("Index", "TomadorRecebedorCte")">Tomador
Recebedor</a></li>
                </ul>
              </li>
              <li><a href="#">DAS</a></li>
            </ul>
          </li>
          <li>
            <a><i class="fa fa-edit"></i> Cadastros <span class="fa fa-chevron-down"></span></a>
            <ul class="nav child_menu">
              <li>@Html.ActionLink("Usuários", "Index", "Usuario")</li>
              <li>@Html.ActionLink("Prefeituras", "Index", "Prefeituras")</li>
              <li>@Html.ActionLink("Contadores", "Index", "Contador")</li>
            </ul>
          </li>
          <li>
            <a><i class="fa fa-laptop"></i> Segurança <span class="fa fa-chevron-down"></span></a>
            <ul class="nav child_menu">

```

```

        <li><a href="#" onclick="javascript:return alert('Em desenvolvimento')">Grupos de
Usuários</a></li>

        <li><a href="#" onclick="javascript:return alert('Em desenvolvimento')">Permissões</a></li>

    </ul>
</li>
</ul>
</div>
<!-- /sidebar menu-->
<!-- /menu footer buttons-->
<div class="sidebar-footer hidden-small"><a data-toggle="tooltip" data-placement="top"
title="Settings"><span aria-hidden="true" class="glyphicon glyphicon-cog"></span></a><a data-toggle="tooltip" data-
placement="top" title="FullScreen"><span aria-hidden="true" class="glyphicon glyphicon-fullscreen"></span></a><a
data-toggle="tooltip" data-placement="top" title="Lock"><span aria-hidden="true" class="glyphicon glyphicon-eye-
close"></span></a><a data-toggle="tooltip" data-placement="top" title="Logout" href="logout"><span aria-
hidden="true" class="glyphicon glyphicon-off"></span></a></div>
<!-- /menu footer buttons-->
</div>
</div>
<!-- top navigation-->
<div class="top_nav">
    <div class="nav_menu">
        <nav role="navigation">
            <div class="nav toggle"><a id="menu_toggle"><i class="fa fa-bars"></i></a></div>
            <ul class="nav navbar-nav navbar-right">
                <li>
                    <a href="javascript:;" data-toggle="dropdown" aria-expanded="false" class="user-profile
dropdown-toggle">@Html.DisplayFor(item =>
usuarioLogado.LOGIN)<span class="fa fa-angle-down"></span></a>
                    <ul class="dropdown-menu dropdown-usermenu pull-right">
                        <li><a href="Usuario/AlterarSenha">Alterar Senha</a></li>
                        <li><a href="javascript:;">Ajuda</a></li>
                        <li><a href="/Logout/Index"><i class="fa fa-sign-out pull-right"></i> Log Out</a></li>
                    </ul>
                </li>
                <li role="presentation" class="dropdown">
                    <a href="javascript:;" data-toggle="dropdown" aria-expanded="false" class="dropdown-toggle
info-number"><i class="fa fa-envelope-o"></i><span class="badge bg-green">6</span></a>
                    <ul id="menu1" role="menu" class="dropdown-menu list-unstyled msg_list">
                        <li><a><span class="image"></span><span><span>John Smith</span><span class="time">3 mins ago</span></span><span
class="message">Film festivals used to be do-or-die moments for movie makers. They were where...</span></a></li>
                        <li><a><span class="image"></span><span><span>John Smith</span><span class="time">3 mins ago</span></span><span
class="message">Film festivals used to be do-or-die moments for movie makers. They were where...</span></a></li>
                        <li><a><span class="image"></span><span><span>John Smith</span><span class="time">3 mins ago</span></span><span
class="message">Film festivals used to be do-or-die moments for movie makers. They were where...</span></a></li>
                        <li><a><span class="image"></span><span><span>John Smith</span><span class="time">3 mins ago</span></span><span

```

class="message">Film festivals used to be do-or-die moments for movie makers. They were where...</span></a></li>

</li>  
<div class="text-center"><a><strong>See All Alerts</strong><i class="fa fa-angle-right"></i></a></div>

</li>

</ul>

</li>

</ul>

</nav>

</div>

</div>

<!-- /top navigation-->

<!-- page content-->

@RenderBody()

<!-- /page content-->

<!-- footer content-->

<footer>

<div class="pull-right">Solução Tributos</div>

<div class="clearfix"></div>

</footer>

<!-- /footer content-->

</div>

</div>

<!-- jQuery-->

<script src="~/Content/vendors/jquery/dist/jquery.min.js"></script>

<!-- Bootstrap-->

<script src="~/Content/vendors/bootstrap/dist/js/bootstrap.min.js"></script>

<!-- FastClick-->

<script src="~/Content/vendors/fastclick/lib/fastclick.js"></script>

<!-- NProgress-->

<script src="~/Content/vendors/nprogress/nprogress.js"></script>

<!-- validator -->

<script src="~/Content/vendors/validator/validator.js"></script>

<!-- bootstrap-daterangepicker -->

<script src="~/Content/vendors/moment/min/moment.min.js"></script>

<script src="~/Content/vendors/bootstrap-daterangepicker/daterangepicker.js"></script>

<!-- Switchery -->

<script src="~/Content/vendors/switchery/dist/switchery.min.js"></script>

<!-- Custom Theme Scripts -->

<script src="~/Content/build/js/custom.min.js"></script>

<!--mascaras-->

<script src="~/Scripts/jquery.meiomask.js"></script>

<!-- Select2 -->

<script src="~/Content/vendors/select2/dist/js/select2.full.min.js"></script>

```
<script type="text/javascript">
```

```
$(document).ready(function () {
```

```
    $('input[data-mask]').each(function () {  
        var input = $(this);  
        input.setMask(input.data('mask'), { autoTab: true });  
    });
```

```
    $('.date-picker').daterangepicker({  
        singleDatePicker: true,  
        calender_style: "picker_4"  
    });
```

```
});
```

```
</script>
```

```
@RenderSection("scripts", required: false)
```

```
</body>
```

```
</html>
```

```
Index.cshtml
```

```
@{
```

```
    Layout = "~/Views/Shared/_Layout.cshtml";
```

```
}
```

```
<div role="main" class="right_col">
```

```
    <div>
```

```
        <div class="page-title">
```

```
            <div class="title_left">
```

```
                <h3>CTE - Remetente</h3>
```

```
            </div>
```

```
        </div>
```

```
    <div class="clearfix"></div>
```

```
    <div class="row">
```

```
        <div class="col-md-12 col-sm-12 col-xs-12">
```

```
            <div class="x_panel">
```

```
                <div class="x_title">
```

```
                    <h2>Consulta</h2>
```

```
                    <div class="clearfix"></div>
```

```
                </div>
```

```
                <div class="x_content">
```

```
                    <form class="form-horizontal form-label-left" method="post" action="@Url.Action("Consultar")"
```

```
novalidate>
```

```
                <div class="item form-group">
```

```
                    <label class="control-label col-md-3 col-sm-3 col-xs-12">
```

```

        CNPJ <span class="required">*</span>
    </label>
    <div class="col-md-2">
        <input id="cnpj" class="form-control" name="CNPJ" placeholder="Informe o CNPJ"
required="required" type="text" data-mask="cnpj">
    </div>
</div>

<div class="item form-group">
    <label class="control-label col-md-3 col-sm-3 col-xs-12">
        Período <span class="required">*</span>
    </label>
    <div class="col-md-1">
        <input id="data_inicial" class="form-control date-picker" name="dataInicial"
placeholder="Informe a Data Inicial" required="required" type="text" data-mask="date">
    </div>
    <div class="col-md-1">
        <input id="data_final" class="form-control date-picker" name="dataFinal" placeholder="Informe
a Data Final" required="required" type="text" data-mask="date">
    </div>
</div>

<div class="ln_solid"></div>
<div class="form-group">
    <div class="col-md-6 col-md-offset-3">
        <button id="cmdConsultar" type="submit" class="btn btn-success" onclick="alert('em
desenvolvimento'); return false;">Consultar</button>
    </div>
</div>
</form>
</div>
</div>
</div>
</div>
</div>
</div>

```

```
@section scripts {
```

```
<script type="text/javascript">
```

```
$(document).ready(function () {
```

```
    $('form')
```

```
        .on('blur', 'input[required], input.optional, select.required', validator.checkField)
        .on('change', 'select.required', validator.checkField);
```

```
    $(''.multi.required').on('blur', 'input', function () {
```

```

        validator.checkField.apply($(this).siblings().last()[0]);
    });

    $('form').submit(function (e) {

        e.preventDefault();

        var submit = true;

        if (!validator.checkAll($(this))) {
            submit = false;
        }

        if (submit)
        {
            this.submit();
        }

        return false;
    });
});

```

```
@Html.Raw(TempData["msg"])
```

```
</script>
```

```
}
```

```
Index.cshtml
```

```
@model Dominio.Usuario
```

```
<div class="right_col" role="main">
```

```
<div class="">
```

```
<div class="page-title">
```

```
<div class="title_left">
```

```
<h3>Bem vindo, @Model.NM_USUARIO </h3>
```

```
</div>
```

```
</div>
```

```
<div class="clearfix"></div>
```

```
<div class="row">
```

```
<div class="col-md-4 col-sm-6 col-xs-12">
```

```
<div class="x_panel">
```

```
<div class="x_title">
```

```
<h2>Gráfico em Linha <small>Sessions</small></h2>
```

```
<div class="clearfix"></div>
```

```
</div>
```

```
<div class="x_content">
```

```
<canvas id="lineChart"></canvas>
```



```
    </div>
  </div>
</div>
```

```
<div class="col-md-4 col-sm-6 col-xs-12">
  <div class="x_panel">
    <div class="x_title">
      <h2>Gráfico em Barras<small>Sessions</small></h2>
      <div class="clearfix"></div>
    </div>
    <div class="x_content">
      <canvas id="mybarChart"></canvas>
    </div>
  </div>
</div>
```

```
<div class="col-md-4 col-sm-6 col-xs-12">
  <div class="x_panel">
    <div class="x_title">
      <h2>Gráfico em rosca <small>Sessions</small></h2>
      <div class="clearfix"></div>
    </div>
    <div class="x_content">
      <canvas id="canvasDoughnut"></canvas>
    </div>
  </div>
</div>
```

```
</div>
<div class="clearfix"></div>
<br />
</div>
<br />
<div class="row">
  <div class="col-md-12">
    <div class="x_panel">
      <div class="x_title">
        <h2>Calendário<small>Sessions</small></h2>
        <div class="clearfix"></div>
      </div>
      <div class="x_content">

        <div id='calendar'></div>

      </div>
    </div>
  </div>
</div>
</div>
```

@section scripts {

```
<div id="CalenderModalNew" class="modal fade" tabindex="-1" role="dialog" aria-labelledby="myModalLabel" aria-hidden="true">
```

```
<div class="modal-dialog">
```

```
<div class="modal-content">
```

```
<div class="modal-header">
```

```
<button type="button" class="close" data-dismiss="modal" aria-hidden="true">x</button>
```

```
<h4 class="modal-title" id="myModalLabel">New Calendar Entry</h4>
```

```
</div>
```

```
<div class="modal-body">
```

```
<div id="testmodal" style="padding: 5px 20px;">
```

```
<form id="antoform" class="form-horizontal calender" role="form">
```

```
<div class="form-group">
```

```
<label class="col-sm-3 control-label">Title</label>
```

```
<div class="col-sm-9">
```

```
<input type="text" class="form-control" id="title" name="title">
```

```
</div>
```

```
</div>
```

```
<div class="form-group">
```

```
<label class="col-sm-3 control-label">Description</label>
```

```
<div class="col-sm-9">
```

```
<textarea class="form-control" style="height:55px;" id="descr" name="descr"></textarea>
```

```
</div>
```

```
</div>
```

```
</form>
```

```
</div>
```

```
</div>
```

```
<div class="modal-footer">
```

```
<button type="button" class="btn btn-default antoclose" data-dismiss="modal">Close</button>
```

```
<button type="button" class="btn btn-primary antosubmit">Save changes</button>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
<div id="CalenderModalEdit" class="modal fade" tabindex="-1" role="dialog" aria-labelledby="myModalLabel" aria-hidden="true">
```

```
<div class="modal-dialog">
```

```
<div class="modal-content">
```

```
<div class="modal-header">
```

```
<button type="button" class="close" data-dismiss="modal" aria-hidden="true">x</button>
```

```
<h4 class="modal-title" id="myModalLabel2">Edit Calendar Entry</h4>
```

```
</div>
```

```
<div class="modal-body">
```

```
<div id="testmodal2" style="padding: 5px 20px;">
```

```
<form id="antoform2" class="form-horizontal calender" role="form">
```

```
<div class="form-group">
```

```
<label class="col-sm-3 control-label">Title</label>
```

```

        <div class="col-sm-9">
            <input type="text" class="form-control" id="title2" name="title2">
        </div>
    </div>
    <div class="form-group">
        <label class="col-sm-3 control-label">Description</label>
        <div class="col-sm-9">
            <textarea class="form-control" style="height:55px;" id="descr2" name="descr"></textarea>
        </div>
    </div>

</form>
</div>
</div>
<div class="modal-footer">
    <button type="button" class="btn btn-default antoclose2" data-dismiss="modal">Close</button>
    <button type="button" class="btn btn-primary antosubmit2">Save changes</button>
</div>
</div>
</div>
</div>

```

```

<div id="fc_create" data-toggle="modal" data-target="#CalenderModalNew"></div>
<div id="fc_edit" data-toggle="modal" data-target="#CalenderModalEdit"></div>
<!-- Chart.js -->
<script src="~/Content/vendors/Chart.js/dist/Chart.min.js"></script>

<script src="~/Content/vendors/moment/min/moment.min.js"></script>
<script src="~/Content/vendors/fullcalendar/dist/fullcalendar.min.js"></script>
<script src="~/Content/vendors/fullcalendar/dist/lang-all.js"></script>

```

```

<!-- Calendar.js -->

```

```

<script>
$(window).load(function () {
    var date = new Date(),
        d = date.getDate(),
        m = date.getMonth(),
        y = date.getFullYear(),
        started,
        categoryClass;

    var calendar = $('#calendar').fullCalendar({
        header: {
            left: 'prev,next today',
            center: 'title',
            right: 'month,agendaWeek,agendaDay'
        },
        lang: 'pt-br',
        selectable: true,
    });

```

```

selectHelper: true,
select: function (start, end, allDay) {
    $('#fc_create').click();

    started = start;
    ended = end;

    $(".antosubmit").on("click", function () {
        var title = $("#title").val();
        if (end) {
            ended = end;
        }

        categoryClass = $("#event_type").val();

        if (title) {
            calendar.fullCalendar('renderEvent', {
                title: title,
                start: started,
                end: end,
                allDay: allDay
            },
            true // make the event "stick"
        );
        }

        $('#title').val("");

        calendar.fullCalendar('unselect');

        $('.antoclose').click();

        return false;
    });
},
eventClick: function (calEvent, jsEvent, view) {
    $('#fc_edit').click();
    $('#title2').val(calEvent.title);

    categoryClass = $("#event_type").val();

    $(".antosubmit2").on("click", function () {
        calEvent.title = $("#title2").val();

        calendar.fullCalendar('updateEvent', calEvent);
        $('.antoclose2').click();
    });

    calendar.fullCalendar('unselect');
},
editable: true,

```

```

events: [{
  title: 'All Day Event',
  start: new Date(y, m, 1)
}, {
  title: 'Long Event',
  start: new Date(y, m, d - 5),
  end: new Date(y, m, d - 2)
}, {
  title: 'Meeting',
  start: new Date(y, m, d, 10, 30),
  allDay: false
}, {
  title: 'Lunch',
  start: new Date(y, m, d + 14, 12, 0),
  end: new Date(y, m, d, 14, 0),
  allDay: false
}, {
  title: 'Birthday Party',
  start: new Date(y, m, d + 1, 19, 0),
  end: new Date(y, m, d + 1, 22, 30),
  allDay: false
}, {
  title: 'Click for Google',
  start: new Date(y, m, 28),
  end: new Date(y, m, 29),
  url: 'http://google.com/'
}]
});
});
</script>

```

```

<!-- Chart.js -->
<script>
  Chart.defaults.global.legend = {
    enabled: false
  };

  // Line chart
  var ctx = document.getElementById("lineChart");
  var lineChart = new Chart(ctx, {
    type: 'line',
    data: {
      labels: ["Janeiro", "Fevereiro", "Março", "Abril", "Maio", "Junho", "Julho"],
      datasets: [{
        label: "My First dataset",
        backgroundColor: "rgba(38, 185, 154, 0.31)",
        borderColor: "rgba(38, 185, 154, 0.7)",
        pointBorderColor: "rgba(38, 185, 154, 0.7)",
        pointBackgroundColor: "rgba(38, 185, 154, 0.7)",
        pointHoverBackgroundColor: "#fff",
        pointHoverBorderColor: "rgba(220,220,220,1)",

```

```

        pointBorderWidth: 1,
        data: [31, 74, 6, 39, 20, 85, 7]
    }, {
        label: "My Second dataset",
        backgroundColor: "rgba(3, 88, 106, 0.3)",
        borderColor: "rgba(3, 88, 106, 0.70)",
        pointBorderColor: "rgba(3, 88, 106, 0.70)",
        pointBackgroundColor: "rgba(3, 88, 106, 0.70)",
        pointHoverBackgroundColor: "#fff",
        pointHoverBorderColor: "rgba(151,187,205,1)",
        pointBorderWidth: 1,
        data: [82, 23, 66, 9, 99, 4, 2]
    }]
},
});

```

```

// Bar chart
var ctx = document.getElementById("mybarChart");
var mybarChart = new Chart(ctx, {
    type: 'bar',
    data: {
        labels: ["Janeiro", "Fevereiro", "Março", "Abril", "Maio", "Junho", "Julho"],
        datasets: [{
            label: '# of Votes',
            backgroundColor: "#26B99A",
            data: [51, 30, 40, 28, 92, 50, 45]
        }, {
            label: '# of Votes',
            backgroundColor: "#03586A",
            data: [41, 56, 25, 48, 72, 34, 12]
        }]
    },
    options: {
        scales: {
            yAxes: [{
                ticks: {
                    beginAtZero: true
                }
            }]
        }
    }
});

```

```

// Doughnut chart
var ctx = document.getElementById("canvasDoughnut");
var data = {
    labels: [
        "Dark Grey",
        "Purple Color",
        "Gray Color",

```

```

    "Green Color",
    "Blue Color"
  ],
  datasets: [{
    data: [120, 50, 140, 180, 100],
    backgroundColor: [
      "#455C73",
      "#9B59B6",
      "#BDC3C7",
      "#26B99A",
      "#3498DB"
    ],
    hoverBackgroundColor: [
      "#34495E",
      "#B370CF",
      "#CFD4D8",
      "#36CAAB",
      "#49A9EA"
    ]
  ]
}
];

var canvasDoughnut = new Chart(ctx, {
  type: 'doughnut',
  tooltipFillColor: "rgba(51, 51, 51, 0.55)",
  data: data
});

```

```

</script>

```

```

<!-- /Chart.js -->

```

```

}

```

```

Selecionar.cshtml

```

```

@model Dominio.Prefeitura

```

```

<div role="main" class="right_col">

```

```

  <div>

```

```

    <div class="page-title">

```

```

      <div class="title_left">

```

```

        <h3>Cadastro de Prefeituras</h3>

```

```

      </div>

```

```

    </div>

```

```

    <div class="clearfix"></div>

```

```

    <div class="row">

```

```

      <div class="col-md-12 col-sm-12 col-xs-12">

```

```

        <div class="x_panel">

```

```

          <div class="x_title">

```

```

            <h2>Exibir</h2>

```

```

          <div class="clearfix"></div>

```

```

</div>
<div class="x_content">
  <div class="panel panel-default">
    <!-- Default panel contents -->
    <div class="panel-heading">Descritivo</div>
    <div class="panel-body">
      <p>@Model.NM_PREFEITURA</p>
    </div>

    <!-- List group -->
    <ul class="list-group">
      <li class="list-group-item">
        <div class="item form-group">
          <label class="control-label col-md-3 col-sm-3 col-xs-12" for="prefeito">
            Prefeito
          </label>
          <div class="col-md-6 col-sm-6 col-xs-12">
            @Model.NM_PREFEITO
          </div>
        </div>
      </li>
      <li class="list-group-item">
        <div class="item form-group">
          <label class="control-label col-md-3 col-sm-3 col-xs-12" for="secretarioTributacao">
            Sec. de Tributação
          </label>
          <div class="col-md-6 col-sm-6 col-xs-12">
            @Model.NM_SEC_TRIBUTACAO
          </div>
        </div>
      </li>
      <li class="list-group-item">
        <div class="item form-group">
          <label class="control-label col-md-3 col-sm-3 col-xs-12" for="contador">
            Contador
          </label>
          <div class="col-md-6 col-sm-6 col-xs-12">
            @Model.NM_CONTADOR
          </div>
        </div>
      </li>
      <li class="list-group-item">
        <div class="item form-group">
          <label class="control-label col-md-3 col-sm-3 col-xs-12" for="logradouro">
            Logradouro
          </label>
          <div class="col-md-6 col-sm-6 col-xs-12">
            @Model.NM_LOGRADOURO
          </div>
        </div>
      </li>
    </ul>
  </div>

```



```

<li class="list-group-item">

    <div class="item form-group">
        <label class="control-label col-md-3 col-sm-3 col-xs-3" for="numero">
            Numero
        </label>
        <div class="col-md-6 col-sm-6 col-xs-12">
            @Model.NU_NUMERO
        </div>
    </div>
</li>
<li class="list-group-item">
    <div class="item form-group">
        <label class="control-label col-md-3 col-sm-3 col-xs-12" for="complemento">
            Complemento
        </label>
        <div class="col-md-6 col-sm-6 col-xs-12">
            @Model.TX_COMPLEMENTO
        </div>
    </div>
</li>
<li class="list-group-item">
    <div class="item form-group">
        <label class="control-label col-md-3 col-sm-3 col-xs-12" for="contato">
            Contato
        </label>
        <div class="col-md-6 col-sm-6 col-xs-12">
            @Model.TX_CONTATO
        </div>
    </div>
</li>
<li class="list-group-item">
    <div class="item form-group">
        <label class="control-label col-md-3 col-sm-3 col-xs-12" for="numeroHabitantes">
            Nº de Habitantes
        </label>
        <div class="col-md-6 col-sm-6 col-xs-13">
            @Model.NU_HABITANTES
        </div>
    </div>
</li>
<li class="list-group-item">
    <div class="item form-group">
        <label class="control-label col-md-3 col-sm-3 col-xs-12" for="territorio">
            Território
        </label>
        <div class="col-md-6 col-sm-6 col-xs-3">
            @Model.QT_EXTENSAO_TERRITORIAL
        </div>
    </div>
</li>

```

```

        </ul>
    </div>
</div>
<div class="form-group">
    <div class="col-md-6">
        <a href="@Url.Action("Index")" class="btn btn-danger">Cancelar</a>
    </div>
</div>
</div>
</div>
</div>
</div>
</div>

```

```
@section scripts {
```

```

<!--Datatables-->
<script src="~/Content/vendors/datatables.net/js/jquery.dataTables.min.js"></script>
<script src="~/Content/vendors/datatables.net-bs/js/dataTables.bootstrap.min.js"></script>
<script src="~/Content/vendors/datatables.net-buttons/js/dataTables.buttons.min.js"></script>
<script src="~/Content/vendors/datatables.net-buttons-bs/js/buttons.bootstrap.min.js"></script>
<script src="~/Content/vendors/datatables.net-buttons/js/buttons.flash.min.js"></script>
<script src="~/Content/vendors/datatables.net-buttons/js/buttons.html5.min.js"></script>
<script src="~/Content/vendors/datatables.net-buttons/js/buttons.print.min.js"></script>
<script src="~/Content/vendors/datatables.net-fixedheader/js/dataTables.fixedHeader.min.js"></script>
<script src="~/Content/vendors/datatables.net-keytable/js/dataTables.keyTable.min.js"></script>
<script src="~/Content/vendors/datatables.net-responsive/js/dataTables.responsive.min.js"></script>
<script src="~/Content/vendors/datatables.net-responsive-bs/js/responsive.bootstrap.js"></script>
<script src="~/Content/vendors/datatables.net-scroller/js/datatables.scroller.min.js"></script>
<script src="~/Content/vendors/jszip/dist/jszip.min.js"></script>
<script src="~/Content/vendors/pdfmake/build/pdfmake.min.js"></script>
<script src="~/Content/vendors/pdfmake/build/vfs_fonts.js"></script>

```

```

}
Novo.cshtml

```

```

@{
    Layout = "~/Views/Shared/_Layout.cshtml";
}

```

```

<div role="main" class="right_col">
    <div>
        <div class="page-title">
            <div class="title_left">
                <h3>Cadastro de Prefeituras</h3>
            </div>
        </div>
        <div class="clearfix"></div>
        <div class="row">
            <div class="col-md-12 col-sm-12 col-xs-12">
                <div class="x_panel">

```

```

<div class="x_title">
  <h2>Nova Prefeitura</h2>
  <div class="clearfix"></div>
</div>
<div class="x_content">
  <form class="form-horizontal form-label-left" method="post" action="@Url.Action("Registrar")"
novalidate>
    @*<div class="item form-group">
      <label class="control-label col-md-3 col-sm-3 col-xs-12" for="cd_municipio">
        UF <span class="required">*</span>
      </label>
      <div class="col-md-6 col-sm-6 col-xs-12">
        <input id="cd_municipio" class="form-control col-md-7 col-xs-12" name="CD_MUNICIPIO"
placeholder="Informe o nome da prefeitura" required="required" type="text">
      </div>
    </div>*<div class="item form-group">
      <label class="control-label col-md-3 col-sm-3 col-xs-12" for="prefeitura">
        Prefeitura <span class="required">*</span>
      </label>
      <div class="col-md-6 col-sm-6 col-xs-12">
        <input id="nome" class="form-control col-md-7 col-xs-12" name="NM_PREFEITURA"
placeholder="Informe o nome da prefeitura" required="required" type="text">
      </div>
    </div>

    <div class="item form-group">
      <label class="control-label col-md-3 col-sm-3 col-xs-12" for="prefeito">
        Prefeito <span class="required">*</span>
      </label>
      <div class="col-md-6 col-sm-6 col-xs-12">
        <input id="prefeito" class="form-control col-md-7 col-xs-12" name="NM_PREFEITO"
placeholder="Informe o prefeito" required="required" type="text">
      </div>
    </div>

    <div class="item form-group">
      <label class="control-label col-md-3 col-sm-3 col-xs-12" for="secretarioTributacao">
        Sec. de Tributação <span class="required">*</span>
      </label>
      <div class="col-md-6 col-sm-6 col-xs-12">
        <input id="secretarioTributacao" class="form-control col-md-7 col-xs-12"
name="NM_SEC_TRIBUTACAO" placeholder="Informe o secretário de tributação" required="required" type="text">
      </div>
    </div>

    <div class="item form-group">
      <label class="control-label col-md-3 col-sm-3 col-xs-12" for="contador">
        Contador <span class="required">*</span>
      </label>
      <div class="col-md-6 col-sm-6 col-xs-12">

```

```
        <input id="contador" class="form-control col-md-7 col-xs-12" name="NM_CONTADOR"
placeholder="Informe o contador" required="required" type="text">
    </div>
</div>
```

```
<div class="item form-group">
    <label class="control-label col-md-3 col-sm-3 col-xs-12" for="logradouro">
        Logradouro <span class="required">*</span>
    </label>
    <div class="col-md-6 col-sm-6 col-xs-12">
        <input id="logradouro" class="form-control col-md-7 col-xs-12" name="NM_LOGRADOURO"
placeholder="Informe o logradouro" required="required" type="text">
    </div>
</div>
```

```
<div class="item form-group">
    <label class="control-label col-md-3 col-sm-3 col-xs-3" for="numero">
        Numero <span class="required">*</span>
    </label>
    <div class="col-md-6 col-sm-6 col-xs-12">
        <input id="numero" class="form-control col-md-7 col-xs-12" name="NU_NUMERO"
placeholder="Informe o número" required="required" type="text">
    </div>
</div>
```

```
<div class="item form-group">
    <label class="control-label col-md-3 col-sm-3 col-xs-12" for="complemento">
        Complemento <span class="required">*</span>
    </label>
    <div class="col-md-6 col-sm-6 col-xs-12">
        <input id="complemento" class="form-control col-md-7 col-xs-12"
name="TX_COMPLEMENTO" placeholder="Informe o complemento" required="required" type="text">
    </div>
</div>
```

```
<div class="item form-group">
    <label class="control-label col-md-3 col-sm-3 col-xs-12" for="contato">
        Contato <span class="required">*</span>
    </label>
    <div class="col-md-6 col-sm-6 col-xs-12">
        <input id="contato" class="form-control col-md-7 col-xs-12" name="TX_CONTATO"
placeholder="Informe o contato" required="required" type="text">
    </div>
</div>
```

```
<div class="item form-group">
    <label class="control-label col-md-3 col-sm-3 col-xs-12" for="numeroHabitantes">
        Nº de Habitantes
    </label>
    <div class="col-md-6 col-sm-6 col-xs-13">
        <input id="numeroHabitantes" class="form-control col-md-7 col-xs-12"
```

```
name="NU_HABITANTES" placeholder="Informe N° de habitantes" type="text">
```

```
</div>
```

```
</div>
```

```
<div class="item form-group">
```

```
<label class="control-label col-md-3 col-sm-3 col-xs-12" for="territorio">
```

```
Território
```

```
</label>
```

```
<div class="col-md-6 col-sm-6 col-xs-3">
```

```
<input id="territorio" class="form-control col-md-7 col-xs-12"
```

```
name="QT_EXTENSAO_TERRITORIAL" placeholder="Informe território" type="text">
```

```
</div>
```

```
</div>
```

```
<div class="ln_solid"></div>
```

```
<div class="form-group">
```

```
<div class="col-md-6 col-md-offset-3">
```

```
<button id="send" type="submit" class="btn btn-success">Cadastrar</button>
```

```
<a href="@Url.Action("Index")" class="btn btn-danger">Cancelar</a>
```

```
</div>
```

```
</div>
```

```
</form>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
@section scripts {
```

```
<!-- validator -->
```

```
<script type="text/javascript">
```

```
$(document).ready(function () {
```

```
// initialize the validator function
```

```
validator.message.date = 'not a real date';
```

```
// validate a field on "blur" event, a 'select' on 'change' event & a '.required' classed multfield on 'keyup':
```

```
$('#form')
```

```
.on('blur', 'input[required], input.optional, select.required', validator.checkField)
```

```
.on('change', 'select.required', validator.checkField);
```

```
$('.multi.required').on('blur', 'input', function () {
```

```
    validator.checkField.apply($(this).siblings().last()[0]);
```

```
});
```

```

$('form').submit(function (e) {

    e.preventDefault();

    var submit = true;

    // evaluate the form using generic validation
    if (!validator.checkAll($(this))) {
        submit = false;
    }

    if (submit)
        this.submit();

    return false;

});

```

```
@Html.Raw(TempData["msg"])
```

}

```
@model IEnumerable<Dominio.Prefeitura>
```

<div>

<div class="title\_left">

&lt;/div&gt;

<div class="clearfix"></div>

<div class="col-md-12 col-sm-12 col-xs-12">

<div class="x\_title">

<div class="clearfix"></div>

 Prefeitura |

```

        <th class="col-lg-2">#</th>
    </tr>
</thead>
<tbody>

    @foreach (Dominio.Prefeitura row in Model.ToList())
    {
        <tr>
            <td>@row.NM_PREFEITURA</td>
            <td>@row.NM_PREFEITO</td>
            <td class="col-lg-2">
                <div class="btn-group">
                    <button type="button" class="btn btn-success dropdown-toggle btn-xs">Ações</button>
                    <button type="button" class="btn btn-success dropdown-toggle btn-xs" data-
toggle="dropdown" aria-expanded="false">
                        <span class="caret"></span>
                        <span class="sr-only">Toggle Dropdown</span>
                    </button>
                    <ul class="dropdown-menu" role="menu">
                        <li>
                            <a href="@Url.Action("Selecionar", new { Id = row.SQ_PREFEITURA }}"
class="cmdSel" data-key="@row.SQ_PREFEITURA"><span class="glyphicon glyphicon-eye-open" aria-
hidden="true"></span> Exibir</a>
                        </li>
                        <li>
                            @* <a href="@Url.Action("Editar", new { Id = row.SQ_PREFEITURA }}"
class="cmdEdit" data-key="@row.SQ_PREFEITURA"><span class="glyphicon glyphicon-edit" aria-
hidden="true"></span> Editar</a>*@
                            <a href="#" onclick="javascript: return alert('em desenvolvimento');"><span
class="glyphicon glyphicon-edit" aria-hidden="true"></span> Editar</a>
                        </li>
                        <li>
                            <a href="@Url.Action("Excluir", new { Id = row.SQ_PREFEITURA }}"
class="cmdDel" data-key="@row.SQ_PREFEITURA"><span class="glyphicon glyphicon-trash" aria-
hidden="true"></span> Excluir</a>
                        </li>
                    </ul>
                </div>
            </td>
        </tr>
    }

</tbody>
</table>
</div>
<div class="form-group">
    <div class="col-md-6">
        <button id="novo" type="button" class="btn btn-success">Nova Prefeitura</button>
    </div>
</div>

```

```

        </div>
    </div>
</div>
</div>
</div>

```

```

@section scripts {

```

```

<!--Datatables-->
<script src="~/Content/vendors/datatables.net/js/jquery.dataTables.min.js"></script>
<script src="~/Content/vendors/datatables.net-bs/js/dataTables.bootstrap.min.js"></script>
<script src="~/Content/vendors/datatables.net-buttons/js/dataTables.buttons.min.js"></script>
<script src="~/Content/vendors/datatables.net-buttons-bs/js/buttons.bootstrap.min.js"></script>
<script src="~/Content/vendors/datatables.net-buttons/js/buttons.flash.min.js"></script>
<script src="~/Content/vendors/datatables.net-buttons/js/buttons.html5.min.js"></script>
<script src="~/Content/vendors/datatables.net-buttons/js/buttons.print.min.js"></script>
<script src="~/Content/vendors/datatables.net-fixedheader/js/dataTables.fixedHeader.min.js"></script>
<script src="~/Content/vendors/datatables.net-keytable/js/dataTables.keyTable.min.js"></script>
<script src="~/Content/vendors/datatables.net-responsive/js/dataTables.responsive.min.js"></script>
<script src="~/Content/vendors/datatables.net-responsive-bs/js/responsive.bootstrap.js"></script>
<script src="~/Content/vendors/datatables.net-scroller/js/datatables.scroller.min.js"></script>
<script src="~/Content/vendors/jszip/dist/jszip.min.js"></script>
<script src="~/Content/vendors/pdfmake/build/pdfmake.min.js"></script>
<script src="~/Content/vendors/pdfmake/build/vfs_fonts.js"></script>
<script>
    $(document).ready(function () {

        $("#novo").on('click', function () {

            document.location.href = '@Url.Action("Novo", "Prefeituras")';

        });

        $(".cmdDel").on('click', function (e) {

            var _self = $(this);

            e.preventDefault();

            if (confirm('deseja realmente excluir?')) {

                document.location.href = _self.attr('href');
            }

        });

        var handleDataTableButtons = function () {
            if ($("#datatable-buttons").length) {
                $("#datatable-buttons").DataTable({
                    dom: "Bfrtip",
                    buttons: [

```



```

        {
            extend: "copy",
            className: "btn-sm"
        },
        {
            extend: "csv",
            className: "btn-sm"
        },
        {
            extend: "excel",
            className: "btn-sm"
        },
        {
            extend: "pdfHtml5",
            className: "btn-sm"
        },
        {
            extend: "print",
            className: "btn-sm"
        },
    ],
    responsive: true
});
}
};

TableManageButtons = function () {
    "use strict";
    return {
        init: function () {
            handleDataTableButtons();
        }
    };
};

}();
$('#datatable').dataTable();
$('#datatable-keytable').DataTable({
    keys: true
});
$('#datatable-responsive').DataTable();
$('#datatable-scroller').DataTable({
    ajax: "js/datatables/json/scroller-demo.json",
    deferRender: true,
    scrollY: 380,
    scrollCollapse: true,
    scroller: true
});
$('#datatable-fixed-header').DataTable({
    fixedHeader: true
});
var $datatable = $('#datatable-checkbox');
$datatable.dataTable({
    'order': [[1, 'asc']],

```

```

        'columnDefs': [
            { orderable: false, targets: [0] }
        ]
    });
    $datatable.on('draw.dt', function () {
        $('input').iCheck({
            checkboxClass: 'icheckbox_flat-green'
        });
    });
    TableManageButtons.init();
});

@Html.Raw(TempData["msg"])
</script>

}
Index.cshtml
@{Layout = null;}

<!doctype html>
<html>
<head>
    <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
    <!-- Meta, title, CSS, favicons, etc. -->
    <meta charset="utf-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1">

    <title>SIVA - Sistema Integrado de Valor Adicionado</title>

    <!-- Bootstrap -->
    <link href="~/Content/vendors/bootstrap/dist/css/bootstrap.min.css" rel="stylesheet">
    <!-- Font Awesome -->
    <link href="~/Content/vendors/font-awesome/css/font-awesome.min.css" rel="stylesheet">
    <!-- NProgress -->
    <link href="~/Content/vendors/nprogress/nprogress.css" rel="stylesheet">
    <!-- Animate.css -->
    <link href="~/Content/vendors/animate.css/animate.min.css" rel="stylesheet">

    <!-- Custom Theme Style -->
    <link href="~/Content/build/css/custom.min.css" rel="stylesheet">
</head>

<body class="login">
    <div>
        <a class="hiddenanchor" id="signup"></a>
        <a class="hiddenanchor" id="signin"></a>

        <div class="login_wrapper">
            <div class="animate form login_form">
                <section class="login_content">

```

```

<form action="/Login/Entrar" method="post" name="frm">
  <h1>SIVA</h1>
  <div>
    <input type="text" class="form-control" placeholder="Login" id="login" name="login" />
  </div>
  <div>
    <input type="password" class="form-control" placeholder="Senha" id="senha" name="senha" />
  </div>
  <div>
    <input id="cmdEntrar" type="submit" class="btn btn-success" value="Entrar" />
  </div>

  <div class="clearfix"></div>

  <div class="separator">

    <div class="clearfix"></div>
    <br />
    <div>
      <p>Sistema Integrado de Valor Adicionado </p>
      <p>©2016 All Rights Reserved. Solução Tributos</p>
    </div>
  </div>
</form>
</section>
</div>
</div>
<!-- jQuery -->
<script src="~/Content/vendors/jquery/dist/jquery.min.js"></script>
<!-- Bootstrap -->
<script src="~/Content/vendors/bootstrap/dist/js/bootstrap.min.js"></script>
<!-- FastClick -->
<script src="~/Content/vendors/fastclick/lib/fastclick.js"></script>
<!-- NProgress -->
<script src="~/Content/vendors/nprogress/nprogress.js"></script>
<!-- validator -->
<script src="~/Content/vendors/validator/validator.js"></script>

<!-- Custom Theme Scripts -->
<script src="~/Content/build/js/custom.min.js"></script>

<!-- validator -->
<script>

$(document).ready(function () {

  $('#cmdEntrar').on('click', function (e) {

    e.preventDefault();
  });
});

```

```
var self = $(this);
```

```
if (!$.trim($("#login").val()))  
    return alert('Informe o login.');
```

```
if (!$.trim($("#senha").val()))  
    return alert('Informe a Senha.');
```

```
document.frm.submit();
```

```
@$.ajax({  
    type: "POST",  
    url: '@Url.Action("Entrar", "Login")',  
    dataType: "json",  
    success: function (data) {  
  
        if (data.ex != null) {  
            return alert(data.ex);  
        }  
  
        document.location.href = '@Url.Action("Index", "Principal")';  
    },  
    data: usuario  
});*@  
});
```

```
</script>
```

```
<!-- /validator -->
```

```
</body>
```

```
</html>
```

```
Index.cshtml
```

```
@{  
    Layout = "~/Views/Shared/_Layout.cshtml";  
}
```

```
<div role="main" class="right_col">
```

```
<div>
```

```
<div class="page-title">
```

```
<div class="title_left">
```

```
<h3>Informativo Fiscal</h3>
```

```
</div>
```

```
</div>
```

```
<div class="clearfix"></div>
```

```
<div class="row">
```

```
<div class="col-md-12 col-sm-12 col-xs-12">
```

```
<div class="x_panel">
```

```
<div class="x_title">
```

```
<h2>Consulta</h2>
```

```
<div class="clearfix"></div>
```

```

</div>
<div class="x_content">
    <form class="form-horizontal form-label-left" method="post" action="@Url.Action("Consultar")"
novalidate>

        <div class="item form-group">
            <label class="control-label col-md-3 col-sm-3 col-xs-12" for="ie">
                Inscrição Estadual <span class="required">*</span>
            </label>
            <div class="col-md-3 col-sm-3 col-xs-12">
                <input id="ie" class="form-control col-md-7 col-xs-12" name="IE" placeholder="Informe a
inscrição estadual" required="required" type="text" data-mask="ie">
            </div>
        </div>

        <div class="form-group">
            <label class="control-label col-md-3 col-sm-3 col-xs-12">
                Período
            </label>
            <div class="col-md-3 col-sm-3 col-xs-12">
                <select class="select2_single form-control" tabindex="-1" name="referencia" id="referencia">
                    <option value=""></option>
                </select>
            </div>
        </div>

        <div class="ln_solid"></div>
        <div class="form-group">
            <div class="col-md-6 col-md-offset-3">
                <button id="cmdConsultar" type="submit" class="btn btn-success">Consultar</button>
            </div>
        </div>
    </form>
</div>
</div>
</div>
</div>
</div>
</div>

```

```
@section scripts {
```

```
<script type="text/javascript">
```

```
$(document).ready(function () {
```

```
    $('form')
```

```
.on('blur', 'input[required], input.optional, select.required', validator.checkField)
```

```

.on('change', 'select.required', validator.checkField);

$('.multi.required').on('blur', 'input', function () {
    validator.checkField.apply($(this).siblings().last()[0]);
});

$('form').submit(function (e) {

    e.preventDefault();

    var submit = true;

    if (!validator.checkAll($(this))) {
        submit = false;
    }

    if (submit)
    {
        this.submit();
    }

    return false;
});

$(".select2_single").select2({
    placeholder: "Selecione um período (padrão AAAA/MM)",
    allowClear: true
});

$("#ie").on('change', function postinput() {

    var _self = $(this);

    if ($.trim(_self.val()).length > 0) {

        $.ajax({
            url: '@Url.Action("PreencherReferencia")',
            data: { ie: _self.val() },
            type: 'post'
        }).done(function (data) {

            $(".select2_single").select2({
                data: data.referenciasList
            });

        }).fail(function () {
            alert('Não foi possível obter as referências.');
```

```

    }
    });

});

@Html.Raw(TempData["msg"])

</script>

}
Emitir.cshtml
@model siva.api.Models.InformativoFiscalViewModel

<div role="main" class="right_col">
    <div>
        <div class="page-title">
            <div class="title_left">
                <h3>Informativo Fiscal \ Detalhamento</h3>
            </div>
        </div>
        <div class="clearfix"></div>
        <div class="row">
            <div class="col-md-12 col-sm-12 col-xs-12">
                <div class="x_panel">
                    <div class="x_content">
                        <div class="panel panel-default">
                            <div class="panel-heading">Informativo Fiscal</div>
                            <div class="panel-body">
                                <div class="row">
                                    <div class="col-md-4">
                                        <label>Referência</label>
                                    </div>
                                    <div class="col-md-8">
                                        <label>Data Envio</label>
                                    </div>
                                </div>
                                <div class="row">
                                    <div class="col-md-4">
                                        <span>@Model.Informativo.NU_REFERENCIA</span>
                                    </div>
                                    <div class="col-md-8">
                                        <span>@Model.Informativo.DT_ENVIO.ToString("dd/MM/yyyy")</span>
                                    </div>
                                </div>
                            </div>
                        </div>
                    </div>
                </div>
            </div>
            <div class="panel panel-default">
                <div class="panel-heading">Dados Cadastrais</div>
                <div class="panel-body">

```

```

<div class="row">
  <div class="col-md-4">
    <label>Inscrição Estadual</label>
  </div>
  <div class="col-md-8">
    <label>Razão Social</label>
  </div>
</div>
<div class="row">
  <div class="col-md-4">
    <span>@Model.Informativo.NU_INSCRICAO_ESTADUAL</span>
  </div>
  <div class="col-md-8">
    <span>@Model.Informativo.NM_RAZAO_SOCIAL</span>
  </div>
</div>
<br />
<div class="row">
  <div class="col-md-12">
    <label>Endereço Completo</label>
  </div>
</div>
<div class="row">
  <div class="col-md-12">@Model.Informativo.NM_LOGRADOURO</div>
</div>
</div>
</div>

<div class="panel panel-default">
  <div class="panel-heading">Estoques</div>
  <div class="panel-body">
    <div class="row">
      <div class="col-sm-12">
        <div class="panel panel-default">
          <div class="panel-heading">Estoque Inicial</div>
          <div class="panel-body">
            <div class="row">
              <div class="col-sm-10">ESTOQUE INICIAL TRIBUTADO</div>
              <div class="col-sm-1">[1.1.1]</div>
              <div class="col-sm-1">@Model.Informativo.CAMPO_0111.ToString("C2")</div>
            </div>
            <div class="row">
              <div class="col-sm-10">ESTOQUE INICIAL NÃO-TRIBUTADO/ISENTO</div>
              <div class="col-sm-1">[1.1.2]</div>
              <div class="col-sm-1">@Model.Informativo.CAMPO_0112.ToString("C2")</div>
            </div>
            <div class="row">
              <div class="col-sm-10">ESTOQUE INICIAL TRIBUTADO</div>
              <div class="col-sm-1">[1.2.1]</div>
              <div class="col-sm-1">@Model.Informativo.CAMPO_0121.ToString("C2")</div>
            </div>
          </div>
        </div>
      </div>
    </div>
  </div>

```



```

        <div class="row">
            <div class="col-sm-10">ESTOQUE INICIAL NÃO-TRIBUTADO/ISENTO</div>
            <div class="col-sm-1">[1.2.2]</div>
            <div class="col-sm-1">@Model.Informativo.CAMPO_0122.ToString("C2")</div>
        </div>
    </div>
</div>
</div>
</div>
<div class="row">
    <div class="col-sm-12">
        <div class="panel panel-default">
            <div class="panel-heading">Estoque Final</div>
            <div class="panel-body">
                <div class="row">
                    <div class="col-sm-10">ESTOQUE FINAL TRIBUTADO</div>
                    <div class="col-sm-1">[2.1.1]</div>
                    <div class="col-sm-1">@Model.Informativo.CAMPO_0211.ToString("C2")</div>
                </div>
                <div class="row">
                    <div class="col-sm-10">ESTOQUE FINAL NÃO-TRIBUTADO/ISENTO</div>
                    <div class="col-sm-1">[2.1.2]</div>
                    <div class="col-sm-1">@Model.Informativo.CAMPO_0212.ToString("C2")</div>
                </div>
                <div class="row">
                    <div class="col-sm-10">ESTOQUE FINAL TRIBUTADO</div>
                    <div class="col-sm-1">[2.2.1]</div>
                    <div class="col-sm-1">@Model.Informativo.CAMPO_0221.ToString("C2")</div>
                </div>
                <div class="row">
                    <div class="col-sm-10">ESTOQUE FINAL NÃO-TRIBUTADO/ISENTO</div>
                    <div class="col-sm-1">[2.2.2]</div>
                    <div class="col-sm-1">@Model.Informativo.CAMPO_0222.ToString("C2")</div>
                </div>
            </div>
        </div>
    </div>
</div>
<div class="row">
    <div class="col-sm-12">
        <div class="panel panel-default">
            <div class="panel-heading">Outras Informações</div>
            <div class="panel-body">
                <div class="row">
                    <div class="col-sm-10">COMPRAS E TRANSFERÊNCIAS NO PAÍS DE MATÉRIA-PRIMA E DEMAIS INSUMOS</div>
                    <div class="col-sm-1">[3]</div>
                    <div class="col-sm-1">@Model.Informativo.CAMPO_03.ToString("C2")</div>
                </div>
            </div>
        </div>
    </div>
</div>

```

INSUMOS</div>

```
<div class="col-sm-10">PRODUÇÃO PRÓPRIA</div>
<div class="col-sm-1">[4]</div>
<div class="col-sm-1">@Model.Informativo.CAMPO_04.ToString("C2")</div>
</div>
<div class="row">
  <div class="col-sm-10">IMPORTAÇÕES DE MATÉRIA-PRIMA E DEMAIS

  <div class="col-sm-1">[5]</div>
  <div class="col-sm-1">@Model.Informativo.CAMPO_05.ToString("C2")</div>
</div>
<div class="row">
  <div class="col-sm-10">APURADAS MEDIANTE AÇÃO FISCAL</div>
  <div class="col-sm-1">[6]</div>
  <div class="col-sm-1">@Model.Informativo.CAMPO_06.ToString("C2")</div>
</div>
<div class="row">
  <div class="col-sm-10">APURADAS MEDIANTE DENÚNCIA ESPONTÂNEA</div>
  <div class="col-sm-1">[7]</div>
  <div class="col-sm-1">@Model.Informativo.CAMPO_07.ToString("C2")</div>
</div>
<div class="row">
  <div class="col-sm-10">TOTAL DAS ENTRADAS</div>
  <div class="col-sm-1">[8]</div>
  <div class="col-sm-1">@Model.Informativo.CAMPO_08.ToString("C2")</div>
</div>
</div>
</div>
</div>
</div>
</div>
</div>
<div class="panel panel-default">
  <div class="panel-heading">Saídas</div>
  <div class="panel-body">
    <div class="row">
      <div class="col-sm-10">VENDAS E TRANSFERÊNCIAS NO PAÍS</div>
      <div class="col-sm-1">[9]</div>
      <div class="col-sm-1">@Model.Informativo.CAMPO_09.ToString("C2")</div>
    </div>
    <div class="row">
      <div class="col-sm-10">EXPORTAÇÕES</div>
      <div class="col-sm-1">[10]</div>
      <div class="col-sm-1">@Model.Informativo.CAMPO_10.ToString("C2")</div>
    </div>
    <div class="row">
      <div class="col-sm-10">APURADAS MEDIANTE AÇÃO FISCAL</div>
      <div class="col-sm-1">[11]</div>
      <div class="col-sm-1">@Model.Informativo.CAMPO_11.ToString("C2")</div>
    </div>
  </div>
</div>
```

```

        <div class="col-sm-10">APURADAS MEDIANTE DENÚNCIA ESPONTÂNEA</div>
        <div class="col-sm-1">[12]</div>
        <div class="col-sm-1">@Model.Informativo.CAMPO_12.ToString("C2")</div>
    </div>
    <div class="row">
        <div class="col-sm-10">TOTAL DAS SAÍDAS</div>
        <div class="col-sm-1">[13]</div>
        <div class="col-sm-1">@Model.Informativo.CAMPO_13.ToString("C2")</div>
    </div>
    <div class="row">
        <div class="col-sm-10">VALOR ADICIONADO (SAÍDAS - ENTRADAS)</div>
        <div class="col-sm-1">[14]</div>
        <div class="col-sm-1">@Model.Informativo.CAMPO_14.ToString("C2")</div>
    </div>
</div>
</div>

<div class="panel panel-default">
    <div class="panel-heading">Outras Informações</div>
    <div class="panel-body">
        <div class="row">
            <div class="col-sm-12">
                <div class="panel panel-default">
                    <div class="panel-heading">Ativo Fixo</div>
                    <div class="panel-body">
                        <div class="row">
                            <div class="col-sm-10">COMPRAS E TRANSFERÊNCIAS NO PAÍS</div>
                            <div class="col-sm-1">[15.1]</div>
                            <div class="col-sm-1">@Model.Informativo.CAMPO_151.ToString("C2")</div>
                        </div>
                        <div class="row">
                            <div class="col-sm-10">ENTRADAS DO EXTERIOR</div>
                            <div class="col-sm-1">[15.2]</div>
                            <div class="col-sm-1">@Model.Informativo.CAMPO_152.ToString("C2")</div>
                        </div>
                        <div class="row">
                            <div class="col-sm-10">ESTOQUE FINAL DO ATIVO FIXO</div>
                            <div class="col-sm-1">[15.3]</div>
                            <div class="col-sm-1">@Model.Informativo.CAMPO_153.ToString("C2")</div>
                        </div>
                    </div>
                </div>
            </div>
        </div>
    </div>
</div>
<div class="row">
    <div class="col-sm-12">
        <div class="panel panel-default">
            <div class="panel-heading">Materiais de Consumo</div>
            <div class="panel-body">
                <div class="row">
                    <div class="col-sm-10">COMPRAS E TRANSFERÊNCIAS NO PAÍS</div>

```

```

        <div class="col-sm-1">[16.1]</div>
        <div class="col-sm-1">@Model.Informativo.CAMPO_161.ToString("C2")</div>
    </div>
    <div class="row">
        <div class="col-sm-10">ENTRADAS DO EXTERIOR</div>
        <div class="col-sm-1">[16.2]</div>
        <div class="col-sm-1">@Model.Informativo.CAMPO_162.ToString("C2")</div>
    </div>
    <div class="row">
        <div class="col-sm-10">ESTOQUE FINAL DE MATERIAIS DE CONSUMO</div>
        <div class="col-sm-1">[16.3]</div>
        <div class="col-sm-1">@Model.Informativo.CAMPO_163.ToString("C2")</div>
    </div>
</div>
</div>
</div>
<div class="row">
    <div class="col-sm-12">
        <div class="panel panel-default">
            <div class="panel-heading">Total das Despesas Com</div>
            <div class="panel-body">
                <div class="row">
                    <div class="col-sm-10">ENERGIA, ÁGUA E TELEFONE</div>
                    <div class="col-sm-1">[17.1]</div>
                    <div class="col-sm-1">@Model.Informativo.CAMPO_171.ToString("C2")</div>
                </div>
                <div class="row">
                    <div class="col-sm-10">ALUGUEL</div>
                    <div class="col-sm-1">[17.2]</div>
                    <div class="col-sm-1">@Model.Informativo.CAMPO_172.ToString("C2")</div>
                </div>
                <div class="row">
                    <div class="col-sm-10">FOLHA DE PAGAMENTO (INCLUSIVE PRÓ-LABORE E
PREST. DE SERVIÇOS)</div>
                    <div class="col-sm-1">[17.3]</div>
                    <div class="col-sm-1">@Model.Informativo.CAMPO_173.ToString("C2")</div>
                </div>
                <div class="row">
                    <div class="col-sm-10">ENCARGOS, CONTRIBUIÇÕES E DESPESAS
TRIBUTÁRIAS (INCLUSIVE ICMS)</div>
                    <div class="col-sm-1">[17.4]</div>
                    <div class="col-sm-1">@Model.Informativo.CAMPO_174.ToString("C2")</div>
                </div>
            </div>
        </div>
    </div>
</div>
</div>
</div>
</div>

```

```

        </div>

        <br />
        <a href="@Url.Action("Consultar", new { ie = Model.Informativo.NU_INSCRICAO_ESTADUAL})"
class="btn btn-primary">Voltar</a>
    </div>
</div>
</div>
</div>
</div>
</div>

```

Consultar.cshtml

```
@model List<siva.api.Models.InformativoFiscalViewModel>
```

```

<div role="main" class="right_col">
    <div>
        <div class="page-title">
            <div class="title_left">
                <h3>Informativo Fiscal</h3>
            </div>
        </div>
        <div class="clearfix"></div>
        <div class="row">
            <div class="col-md-12 col-sm-12 col-xs-12">
                <div class="x_panel">
                    <div class="x_title">
                        <h2>Listagem</h2>
                        <div class="clearfix"></div>
                    </div>
                    <div class="x_content">
                        <table id="datatable-buttons" class="table table-striped table-bordered">
                            <thead>
                                <tr>
                                    <th>Ref.</th>
                                    <th>Data Envio</th>
                                    <th>I.E</th>
                                    <th>CNPJ/CPF</th>
                                    <th>Nome Fantasia</th>
                                    <th>Razão Social</th>
                                    <th class="col-lg-2">#</th>
                                </tr>
                            </thead>
                            <tbody>

                                @foreach (siva.api.Models.InformativoFiscalViewModel row in Model)
                                {
                                    <tr>
                                        <td>@row.Referencia.NU_REFERENCIA</td>
                                        <td>@row.Referencia.DT_ENVIO.ToString("dd/MM/yyyy")</td>
                                        <td>@row.Referencia.NU_INSCRICAO_ESTADUAL</td>
                                        <td>@row.Referencia.NU_CNPJ_CPF</td>

```

```

        <td>@row.Referencia.NM_FANTASIA</td>
        <td>@row.Referencia.NM_RAZAO_SOCIAL</td>
        <td class="col-lg-2">
            <div class="btn-group">
                <button type="button" class="btn btn-success dropdown-toggle btn-xs">Ações</button>
                <button type="button" class="btn btn-success dropdown-toggle btn-xs" data-
toggle="dropdown" aria-expanded="false">
                    <span class="caret"></span>
                    <span class="sr-only">Toggle Dropdown</span>
                </button>
                <ul class="dropdown-menu" role="menu">
                    <li>
                        <a href="@Url.Action("Emitir", new { le =
row.Referencia.NU_INSCRICAO_ESTADUAL, Referencia = row.Referencia.NU_REFERENCIA })"
class="cmdEmitir"><span class="glyphicon glyphicon-file" aria-hidden="true"></span>Detalhar
Informativo</a>
                    </li>
                </ul>
            </div>
        </td>
    </tr>
}

</tbody>
</table>
</div>
<div class="form-group">
    <div class="col-md-6">
        <a href="@Url.Action("Index")" class="btn btn-danger">Cancelar</a>
    </div>
</div>
</div>
</div>
</div>
</div>

```

@section scripts {

```

<!--Datatables-->
<script src="~/Content/vendors/datatables.net/js/jquery.dataTables.min.js"></script>
<script src="~/Content/vendors/datatables.net-bs/js/dataTables.bootstrap.min.js"></script>
<script src="~/Content/vendors/datatables.net-buttons/js/dataTables.buttons.min.js"></script>
<script src="~/Content/vendors/datatables.net-buttons-bs/js/buttons.bootstrap.min.js"></script>
<script src="~/Content/vendors/datatables.net-buttons/js/buttons.flash.min.js"></script>
<script src="~/Content/vendors/datatables.net-buttons/js/buttons.html5.min.js"></script>
<script src="~/Content/vendors/datatables.net-buttons/js/buttons.print.min.js"></script>
<script src="~/Content/vendors/datatables.net-fixedheader/js/dataTables.fixedHeader.min.js"></script>
<script src="~/Content/vendors/datatables.net-keytable/js/dataTables.keyTable.min.js"></script>
<script src="~/Content/vendors/datatables.net-responsive/js/dataTables.responsive.min.js"></script>
<script src="~/Content/vendors/datatables.net-responsive-bs/js/responsive.bootstrap.js"></script>

```

```

<script src="~/Content/vendors/datatables.net-scroller/js/datatables.scroller.min.js"></script>
<script src="~/Content/vendors/jszip/dist/jszip.min.js"></script>
<script src="~/Content/vendors/pdfmake/build/pdfmake.min.js"></script>
<script src="~/Content/vendors/pdfmake/build/vfs_fonts.js"></script>
<script>
    $(document).ready(function () {

```

```

        var handleDataTableButtons = function () {
            if ($("#datatable-buttons").length) {
                $("#datatable-buttons").DataTable({
                    dom: "Bfrtip",
                    buttons: [
                        {
                            extend: "copy",
                            className: "btn-sm"
                        },
                        {
                            extend: "csv",
                            className: "btn-sm"
                        },
                        {
                            extend: "excel",
                            className: "btn-sm"
                        },
                        {
                            extend: "pdfHtml5",
                            className: "btn-sm"
                        },
                        {
                            extend: "print",
                            className: "btn-sm"
                        }
                    ],
                    responsive: true
                });
            }
        };

        TableManageButtons = function () {
            "use strict";
            return {
                init: function () {
                    handleDataTableButtons();
                }
            };
        }();

        $('#datatable').dataTable();
        $('#datatable-keytable').DataTable({
            keys: true
        });

        $('#datatable-responsive').DataTable();

```

```

$('#datatable-scroller').DataTable({
    ajax: "js/datatables/json/scroller-demo.json",
    deferRender: true,
    scrollY: 380,
    scrollCollapse: true,
    scroller: true
});
$('#datatable-fixed-header').DataTable({
    fixedHeader: true
});
var $datatable = $('#datatable-checkbox');
$datatable.dataTable({
    'order': [[1, 'asc']],
    'columnDefs': [
        { orderable: false, targets: [0] }
    ]
});
$datatable.on('draw.dt', function () {
    $('input').iCheck({
        checkboxClass: 'icheckbox_flat-green'
    });
});
TableManageButtons.init();
});

```

```

@Html.Raw(TempData["msg"])
</script>

```

```

}

```

```

Index.cshtml

```

```

<div class="right_col" role="main">
    <div class="">
        <div class="page-title">
            <div class="title_left">
                <h3>Bem vindo, Usuário </h3>
            </div>
        </div>
    </div>
    <div class="clearfix"></div>

    <div class="row">
        <div class="col-md-4 col-sm-6 col-xs-12">
            <div class="x_panel">
                <div class="x_title">
                    <h2>Gráfico em Linha <small>Sessions</small></h2>

                    <div class="clearfix"></div>
                </div>
                <div class="x_content">
                    <canvas id="lineChart"></canvas>
                </div>
            </div>

```



</div>

<div class="col-md-4 col-sm-6 col-xs-12">

<div class="x\_panel">

<div class="x\_title">

<h2>Gráfico em Barras<small>Sessions</small></h2>

<div class="clearfix"></div>

</div>

<div class="x\_content">

<canvas id="mybarChart"></canvas>

</div>

</div>

</div>

<div class="col-md-4 col-sm-6 col-xs-12">

<div class="x\_panel">

<div class="x\_title">

<h2>Gráfico em rosca <small>Sessions</small></h2>

<div class="clearfix"></div>

</div>

<div class="x\_content">

<canvas id="canvasDoughnut"></canvas>

</div>

</div>

</div>

</div>

<div class="clearfix"></div>

<br />

</div>

<br />

<div class="row">

<div class="col-md-12">

<div class="x\_panel">

<div class="x\_title">

<h2>Calendário<small>Sessions</small></h2>

<div class="clearfix"></div>

</div>

<div class="x\_content">

<div id='calendar'></div>

</div>

</div>

</div>

</div>

</div>

@section scripts {

```

<div id="CalenderModalNew" class="modal fade" tabindex="-1" role="dialog" aria-labelledby="myModalLabel" aria-
hidden="true">
  <div class="modal-dialog">
    <div class="modal-content">

      <div class="modal-header">
        <button type="button" class="close" data-dismiss="modal" aria-hidden="true">x</button>
        <h4 class="modal-title" id="myModalLabel">New Calendar Entry</h4>
      </div>
      <div class="modal-body">
        <div id="testmodal" style="padding: 5px 20px;">
          <form id="antoform" class="form-horizontal calender" role="form">
            <div class="form-group">
              <label class="col-sm-3 control-label">Title</label>
              <div class="col-sm-9">
                <input type="text" class="form-control" id="title" name="title">
              </div>
            </div>
            <div class="form-group">
              <label class="col-sm-3 control-label">Description</label>
              <div class="col-sm-9">
                <textarea class="form-control" style="height:55px;" id="descr" name="descr"></textarea>
              </div>
            </div>
          </form>
        </div>
      </div>
      <div class="modal-footer">
        <button type="button" class="btn btn-default antoclose" data-dismiss="modal">Close</button>
        <button type="button" class="btn btn-primary antosubmit">Save changes</button>
      </div>
    </div>
  </div>
</div>
<div id="CalenderModalEdit" class="modal fade" tabindex="-1" role="dialog" aria-labelledby="myModalLabel" aria-
hidden="true">
  <div class="modal-dialog">
    <div class="modal-content">

      <div class="modal-header">
        <button type="button" class="close" data-dismiss="modal" aria-hidden="true">x</button>
        <h4 class="modal-title" id="myModalLabel2">Edit Calendar Entry</h4>
      </div>
      <div class="modal-body">

        <div id="testmodal2" style="padding: 5px 20px;">
          <form id="antoform2" class="form-horizontal calender" role="form">
            <div class="form-group">
              <label class="col-sm-3 control-label">Title</label>
              <div class="col-sm-9">
                <input type="text" class="form-control" id="title2" name="title2">
              </div>
            </div>
          </form>
        </div>
      </div>
    </div>
  </div>
</div>

```

```

        </div>
    </div>
    <div class="form-group">
        <label class="col-sm-3 control-label">Description</label>
        <div class="col-sm-9">
            <textarea class="form-control" style="height:55px;" id="descr2" name="descr"></textarea>
        </div>
    </div>

    </form>
</div>
</div>
<div class="modal-footer">
    <button type="button" class="btn btn-default antoclose2" data-dismiss="modal">Close</button>
    <button type="button" class="btn btn-primary antosubmit2">Save changes</button>
</div>
</div>
</div>
</div>

```

```

<div id="fc_create" data-toggle="modal" data-target="#CalenderModalNew"></div>

```

```

<div id="fc_edit" data-toggle="modal" data-target="#CalenderModalEdit"></div>

```

```

<!-- /calendar modal -->

```

```

<!-- jQuery-->

```

```

<script src="~/Content/vendors/jquery/dist/jquery.min.js"></script>

```

```

<!-- Bootstrap-->

```

```

<script src="~/Content/vendors/bootstrap/dist/js/bootstrap.min.js"></script>

```

```

<!-- FastClick-->

```

```

<script src="~/Content/vendors/fastclick/lib/fastclick.js"></script>

```

```

<!-- NProgress-->

```

```

<script src="~/Content/vendors/nprogress/nprogress.js"></script>

```

```

<!-- Chart.js -->

```

```

<script src="~/Content/vendors/Chart.js/dist/Chart.min.js"></script>

```

```

<script src="~/Content/vendors/moment/min/moment.min.js"></script>

```

```

<script src="~/Content/vendors/fullcalendar/dist/fullcalendar.min.js"></script>

```

```

<script src="~/Content/vendors/fullcalendar/dist/lang-all.js"></script>

```

```

<!-- Custom Theme Scripts -->

```

```

<script src="~/Content/build/js/custom.min.js"></script>

```

```

<!-- Calendar.js -->

```

```

<script>

```

```

    $(window).load(function () {
        var date = new Date(),
            d = date.getDate(),
            m = date.getMonth(),
            y = date.getFullYear(),

```

```

        started,
        categoryClass;

var calendar = $('#calendar').fullCalendar({
    header: {
        left: 'prev,next today',
        center: 'title',
        right: 'month,agendaWeek,agendaDay'
    },
    lang: 'pt-br',
    selectable: true,
    selectHelper: true,
    select: function (start, end, allDay) {
        $('#fc_create').click();

        started = start;
        ended = end;

        $(".antosubmit").on("click", function () {
            var title = $("#title").val();
            if (end) {
                ended = end;
            }

            categoryClass = $("#event_type").val();

            if (title) {
                calendar.fullCalendar('renderEvent', {
                    title: title,
                    start: started,
                    end: end,
                    allDay: allDay
                },
                true // make the event "stick"
            );
        }

        $('#title').val("");

        calendar.fullCalendar('unselect');

        $('#.antoclose').click();

        return false;
    });
},
eventClick: function (calEvent, jsEvent, view) {
    $('#fc_edit').click();
    $('#title2').val(calEvent.title);

    categoryClass = $("#event_type").val();

```

```

$(".antosubmit2").on("click", function () {
    calEvent.title = $("#title2").val();

    calendar.fullCalendar('updateEvent', calEvent);
    $('.antoclose2').click();
});

calendar.fullCalendar('unselect');
},
editable: true,
events: [{
    title: 'All Day Event',
    start: new Date(y, m, 1)
}, {
    title: 'Long Event',
    start: new Date(y, m, d - 5),
    end: new Date(y, m, d - 2)
}, {
    title: 'Meeting',
    start: new Date(y, m, d, 10, 30),
    allDay: false
}, {
    title: 'Lunch',
    start: new Date(y, m, d + 14, 12, 0),
    end: new Date(y, m, d, 14, 0),
    allDay: false
}, {
    title: 'Birthday Party',
    start: new Date(y, m, d + 1, 19, 0),
    end: new Date(y, m, d + 1, 22, 30),
    allDay: false
}, {
    title: 'Click for Google',
    start: new Date(y, m, 28),
    end: new Date(y, m, 29),
    url: 'http://google.com/'
}]
});
});
</script>

```

<!-- Chart.js -->

<script>

```

Chart.defaults.global.legend = {
    enabled: false
};

```

// Line chart

```

var ctx = document.getElementById("lineChart");
var lineChart = new Chart(ctx, {

```

```

type: 'line',
data: {
  labels: ["Janeiro", "Fevereiro", "Março", "Abril", "Maio", "Junho", "Julho"],
  datasets: [{
    label: "My First dataset",
    backgroundColor: "rgba(38, 185, 154, 0.31)",
    borderColor: "rgba(38, 185, 154, 0.7)",
    pointBorderColor: "rgba(38, 185, 154, 0.7)",
    pointBackgroundColor: "rgba(38, 185, 154, 0.7)",
    pointHoverBackgroundColor: "#fff",
    pointHoverBorderColor: "rgba(220,220,220,1)",
    pointBorderWidth: 1,
    data: [31, 74, 6, 39, 20, 85, 7]
  }, {
    label: "My Second dataset",
    backgroundColor: "rgba(3, 88, 106, 0.3)",
    borderColor: "rgba(3, 88, 106, 0.70)",
    pointBorderColor: "rgba(3, 88, 106, 0.70)",
    pointBackgroundColor: "rgba(3, 88, 106, 0.70)",
    pointHoverBackgroundColor: "#fff",
    pointHoverBorderColor: "rgba(151,187,205,1)",
    pointBorderWidth: 1,
    data: [82, 23, 66, 9, 99, 4, 2]
  }]
},
});

```

```

// Bar chart
var ctx = document.getElementById("mybarChart");
var mybarChart = new Chart(ctx, {
  type: 'bar',
  data: {
    labels: ["Janeiro", "Fevereiro", "Março", "Abril", "Maio", "Junho", "Julho"],
    datasets: [{
      label: '# of Votes',
      backgroundColor: "#26B99A",
      data: [51, 30, 40, 28, 92, 50, 45]
    }, {
      label: '# of Votes',
      backgroundColor: "#03586A",
      data: [41, 56, 25, 48, 72, 34, 12]
    }]
  },
  options: {
    scales: {
      yAxes: [{
        ticks: {
          beginAtZero: true
        }
      }]
    }
  }
});

```

```

    }
  }
});

```

```

// Doughnut chart
var ctx = document.getElementById("canvasDoughnut");
var data = {
  labels: [
    "Dark Grey",
    "Purple Color",
    "Gray Color",
    "Green Color",
    "Blue Color"
  ],
  datasets: [{
    data: [120, 50, 140, 180, 100],
    backgroundColor: [
      "#455C73",
      "#9B59B6",
      "#BDC3C7",
      "#26B99A",
      "#3498DB"
    ],
    hoverBackgroundColor: [
      "#34495E",
      "#B370CF",
      "#CFD4D8",
      "#36CAAB",
      "#49A9EA"
    ]
  }]
};

```

```

var canvasDoughnut = new Chart(ctx, {
  type: 'doughnut',
  tooltipFillColor: "rgba(51, 51, 51, 0.55)",
  data: data
});

```

```

</script>
<!-- /Chart.js -->

```

```

}
Index.cshtml
@{
  Layout = "~/Views/Shared/_Layout.cshtml";
}

```

```

<div role="main" class="right_col">

```

```

<div>
  <div class="page-title">
    <div class="title_left">
      <h3>Guia Mensal</h3>
    </div>
  </div>
  <div class="clearfix"></div>
  <div class="row">
    <div class="col-md-12 col-sm-12 col-xs-12">
      <div class="x_panel">
        <div class="x_title">
          <h2>Consulta</h2>
          <div class="clearfix"></div>
        </div>
        <div class="x_content">
          <form class="form-horizontal form-label-left" method="post" action="@Url.Action("Consultar")"
novalidate>

            <div class="item form-group">
              <label class="control-label col-md-3 col-sm-3 col-xs-12" for="ie">
                Inscrição Estadual <span class="required">*</span>
              </label>
              <div class="col-md-3 col-sm-3 col-xs-12">
                <input id="ie" class="form-control col-md-7 col-xs-12" name="IE" placeholder="Informe a
inscrição estadual" required="required" type="text" data-mask="ie">
              </div>
            </div>

            <div class="form-group">
              <label class="control-label col-md-3 col-sm-3 col-xs-12">
                Período
              </label>
              <div class="col-md-3 col-sm-3 col-xs-12">
                <select class="select2_single form-control" tabindex="-1" name="referencia" id="referencia">
                  <option value=""></option>
                </select>
              </div>
            </div>

            <div class="ln_solid"></div>
            <div class="form-group">
              <div class="col-md-6 col-md-offset-3">
                <button id="cmdConsultar" type="submit" class="btn btn-success">Consultar</button>
              </div>
            </div>
          </form>
        </div>
      </div>
    </div>
  </div>
</div>

```



```
</div>
</div>
```

```
@section scripts {
```

```
<script type="text/javascript">
```

```
$(document).ready(function () {
```

```
    $('form')
```

```
        .on('blur', 'input[required], input.optional, select.required', validator.checkField)
```

```
        .on('change', 'select.required', validator.checkField);
```

```
    $('.multi.required').on('blur', 'input', function () {
```

```
        validator.checkField.apply($(this).siblings().last()[0]);
```

```
    });
```

```
    $('form').submit(function (e) {
```

```
        e.preventDefault();
```

```
        var submit = true;
```

```
        if (!validator.checkAll($(this))) {
```

```
            submit = false;
```

```
        }
```

```
        if (submit)
```

```
        {
```

```
            this.submit();
```

```
        }
```

```
        return false;
```

```
    });
```

```
    $(".select2_single").select2({
```

```
        placeholder: "Selecione um período (padrão AAAA/MM)",
```

```
        allowClear: true
```

```
    });
```

```
    $("#ie").on('change', function postinput() {
```

```
        var _self = $(this);
```

```
        if ($.trim(_self.val()).length > 0) {
```

```

$.ajax({
    url: '@Url.Action("PreencherReferencia")',
    data: { ie: _self.val() },
    type: 'post'
}).done(function (data) {

    $(".select2_single").select2({
        data: data.referenciasList
    });

}).fail(function () {
    alert('Não foi possível obter as referências.');
```

```

    @Html.Raw(TempData["msg"])

```

```

</script>

```

```

}

```

```

Emitir.cshtml

```

```

@model siva.api.Models.GIMViewModel

```

```

<div role="main" class="right_col">
    <div>
        <div class="page-title">
            <div class="title_left">
                <h3>Guia Mensal \ Detalhamento</h3>
            </div>
        </div>
        <div class="clearfix"></div>
        <div class="row">
            <div class="col-md-12 col-sm-12 col-xs-12">
                <div class="x_panel">
                    <div class="x_content">
                        <div class="panel panel-default">
                            <div class="panel-heading">Guia Informativo Mensal</div>
                            <div class="panel-body">
                                <div class="row">
                                    <div class="col-md-4">
                                        <label>Referência</label>
                                    </div>
                                    <div class="col-md-8">
                                        <label>Data Entrega</label>
                                    </div>
                                </div>
                            </div>
                        </div>
                    </div>
                </div>
            </div>
        </div>
    </div>

```

```

        <div class="col-md-4">
            <span>@Model.Gim.NU_REFERENCIA</span>
        </div>
        <div class="col-md-8">
            <span>@Model.Gim.DT_RECEPCAO</span>
        </div>
    </div>
</div>
</div>

```

```

<div class="panel panel-default">
    <div class="panel-heading">Dados Cadastrais</div>
    <div class="panel-body">
        <div class="row">
            <div class="col-md-4">
                <label>Inscrição Estadual</label>
            </div>
            <div class="col-md-8">
                <label>Razão Social</label>
            </div>
        </div>
        <div class="row">
            <div class="col-md-4">
                <span>@Model.Gim.NU_INSCRICAO_ESTADUAL</span>
            </div>
            <div class="col-md-8">
                <span>@Model.Gim.NM_RAZAO_SOCIAL</span>
            </div>
        </div>
        <br />
        <div class="row">
            <div class="col-md-12">
                <label>Endereço Completo</label>
            </div>
        </div>
        <div class="row">
            <div class="col-md-12">@Model.Gim.NM_LOGRADOURO</div>
        </div>
    </div>
</div>

```

```

<div class="panel panel-default">
    <div class="panel-heading text-center"><label>Operações Efetuadas No Período</label></div>
    <div class="panel-body">
        <div class="panel panel-default">
            <div class="panel-heading">Entradas</div>
            <div class="panel-body">
                <div class="row">
                    <div class="col-sm-6">
                        <table class="table">
                            <tr>
                                <td colspan="3">&nbsp;</td>

```

```

</tr>
<tr>
    <td colspan="2">CÓDIGOS FISCAIS </td>
    <td>VALORES CONTÁBEIS </td>
</tr>
<tr>
    <td class="col-sm-5">DO ESTADO (1.101 A 1.949)</td>
    <td class="col-sm-1">[07]</td>
    <td class="col-sm-6">@Model.Gim.VL_CEST07_1.ToString("C2")</td>
</tr>
<tr>
    <td class="col-sm-5">OUTROS ESTADOS (2.101 A 2.949) </td>
    <td class="col-sm-1">[08]</td>
    <td class="col-sm-6">@Model.Gim.VL_COUT08_1.ToString("C2")</td>
</tr>
<tr>
    <td class="col-sm-5">DO EXTERIOR (3.101 A 3.949)</td>
    <td class="col-sm-1">[09]</td>
    <td class="col-sm-6">@Model.Gim.VL_CEXT09_1.ToString("C2")</td>
</tr>
<tr>
    <td class="col-sm-5">TOTAIS</td>
    <td class="col-sm-1">[10]</td>
    <td class="col-sm-6">@Model.Gim.VL_TOTA10_1.ToString("C2")</td>
</tr>
</table>
</div>
<div class="col-sm-6">
    <table class="table">
        <tr>
            <td colspan="2">OPERAÇÕES COM CRÉDITO DO IMPOSTO</td>
            <td>VALOR CONTÁBIL DAS OPERAÇÕES POR </td>
        </tr>
        <tr>
            <td>BASE DE CÁLCULO </td>
            <td>IMPOSTO CREDITADO</td>
            <td>SUBSTITUIÇÃO TRIBUTÁRIA </td>
        </tr>
        <tr>
            <td>@Model.Gim.VL_CEST07_2.ToString("C2")</td>
            <td>@Model.Gim.VL_CEST07_3.ToString("C2")</td>
            <td>@Model.Gim.VL_CEST07_4.ToString("C2")</td>
        </tr>
        <tr>
            <td>@Model.Gim.VL_COUT08_2.ToString("C2")</td>
            <td>@Model.Gim.VL_COUT08_3.ToString("C2")</td>
            <td>@Model.Gim.VL_COUT08_4.ToString("C2")</td>
        </tr>
        <tr>
            <td>@Model.Gim.VL_CEXT09_2.ToString("C2")</td>
            <td>@Model.Gim.VL_CEXT09_3.ToString("C2")</td>
    </div>

```

```

        <td >@Model.Gim.VL_CEXT09_4.ToString("C2")</td>
    </tr>
    <tr>
        <td >@Model.Gim.VL_TOTA10_2.ToString("C2")</td>
        <td >@Model.Gim.VL_TOTA10_3.ToString("C2")</td>
        <td >@Model.Gim.VL_TOTA10_4.ToString("C2")</td>
    </tr>
</table>
</div>
</div>
</div>
</div>
<div class="panel panel-default">
    <div class="panel-heading">Saídas</div>
    <div class="panel-body">
        <div class="row">
            <div class="col-sm-6">
                <table class="table">
                    <tr>
                        <td colspan="3">&nbsp;</td>
                    </tr>
                    <tr>
                        <td colspan="2">CÓDIGOS FISCAIS </td>
                        <td>VALORES CONTÁBEIS </td>
                    </tr>
                    <tr>
                        <td class="col-sm-5">PARA O ESTADO (5.101 A 5.949) </td>
                        <td class="col-sm-1">[11]</td>
                        <td class="col-sm-6">@Model.Gim.VL_CPES11_1.ToString("C2")</td>
                    </tr>
                    <tr>
                        <td class="col-sm-5">OUTROS ESTADOS (6.101 A 6.949) </td>
                        <td class="col-sm-1">[12]</td>
                        <td class="col-sm-6">@Model.Gim.VL_CPOU12_1.ToString("C2")</td>
                    </tr>
                    <tr>
                        <td class="col-sm-5">DO EXTERIOR (7.101 A 7.949) </td>
                        <td class="col-sm-1">[13]</td>
                        <td class="col-sm-6">@Model.Gim.VL_CPEX13_1.ToString("C2")</td>
                    </tr>
                    <tr>
                        <td class="col-sm-5">TOTAIS</td>
                        <td class="col-sm-1">[14]</td>
                        <td class="col-sm-6">@Model.Gim.VL_TOTA14_1.ToString("C2")</td>
                    </tr>
                </table>
            </div>
            <div class="col-sm-6">
                <table class="table">
                    <tr>
                        <td colspan="2">OPERAÇÕES COM DÉBITO DO IMPOSTO</td>

```

```

        <td>VALOR CONTÁBIL DAS OPERAÇÕES POR</td>
    </tr>
    <tr>
        <td>BASE DE CÁLCULO </td>
        <td>IMPOSTO DEBITADO</td>
        <td>SUBSTITUIÇÃO TRIBUTÁRIA </td>
    </tr>
    <tr>
        <td>@Model.Gim.VL_CPES11_2.ToString("C2")</td>
        <td>@Model.Gim.VL_CPES11_3.ToString("C2")</td>
        <td>@Model.Gim.VL_CPES11_4.ToString("C2")</td>
    </tr>
    <tr>
        <td>@Model.Gim.VL_CPOU12_2.ToString("C2")</td>
        <td>@Model.Gim.VL_CPOU12_3.ToString("C2")</td>
        <td>@Model.Gim.VL_CPOU12_4.ToString("C2")</td>
    </tr>
    <tr>
        <td>@Model.Gim.VL_CPEX13_2.ToString("C2")</td>
        <td>@Model.Gim.VL_CPEX13_3.ToString("C2")</td>
        <td>@Model.Gim.VL_CPEX13_4.ToString("C2")</td>
    </tr>
    <tr>
        <td>@Model.Gim.VL_TOTA14_2.ToString("C2")</td>
        <td>@Model.Gim.VL_TOTA14_3.ToString("C2")</td>
        <td>@Model.Gim.VL_TOTA14_4.ToString("C2")</td>
    </tr>
</table>
</div>
</div>
</div>
</div>
</div>
</div>
</div>
<div class="panel panel-default">
    <div class="panel-heading text-center"><label>Apuração do ICMS</label></div>
    <div class="panel-body">
        <div class="panel panel-default">
            <div class="panel-heading text-center">Débito do Imposto</div>
            <div class="panel-body">
                <div class="row">
                    <div class="col-sm-6">
                        <table class="table">
                            <tr>
                                <td class="col-sm-5">POR SAÍDAS COM DÉBITO DO IMPOSTO </td>
                                <td class="col-sm-1">[15]</td>
                                <td class="col-sm-6">@Model.Gim.VL_DEBI15.ToString("C2")</td>
                            </tr>
                            <tr>
                                <td class="col-sm-5">OUTROS DÉBITOS </td>

```

```

        <td class="col-sm-1">[16]</td>
        <td class="col-sm-6">@Model.Gim.VL_OUTD16.ToString("C2")</td>
    </tr>
    <tr>
        <td class="col-sm-5">ESTORNO DE CRÉDITOS </td>
        <td class="col-sm-1">[17]</td>
        <td class="col-sm-6">@Model.Gim.VL_ESTC17.ToString("C2")</td>
    </tr>
    <tr>
        <td class="col-sm-5">TOTAIS</td>
        <td class="col-sm-1">[18]</td>
        <td class="col-sm-6">@Model.Gim.VL_TOTA18.ToString("C2")</td>
    </tr>
</table>
</div>
</div>
</div>
</div>
<br />
<div class="panel panel-default">
    <div class="panel-heading text-center">Crédito do Imposto</div>
    <div class="panel-body">
        <div class="row">
            <div class="col-sm-6">
                <table class="table">
                    <tr>
                        <td class="col-sm-5">POR ENTRADAS COM CRÉDITO DO IMPOSTO </td>
                        <td class="col-sm-1">[19]</td>
                        <td class="col-sm-6">@Model.Gim.VL_CREI19.ToString("C2")</td>
                    </tr>
                    <tr>
                        <td class="col-sm-5">OUTROS CRÉDITOS </td>
                        <td class="col-sm-1">[20]</td>
                        <td class="col-sm-6">@Model.Gim.VL_OUTC20.ToString("C2")</td>
                    </tr>
                    <tr>
                        <td class="col-sm-5">ESTORNO DE DÉBITOS </td>
                        <td class="col-sm-1">[21]</td>
                        <td class="col-sm-6">@Model.Gim.VL_ESTC21.ToString("C2")</td>
                    </tr>
                    <tr>
                        <td class="col-sm-5">SUB-TOTAL</td>
                        <td class="col-sm-1">[22]</td>
                        <td class="col-sm-6">@Model.Gim.VL_SUBT22.ToString("C2")</td>
                    </tr>
                    <tr>
                        <td class="col-sm-5">SALDO CREDOR NO PERÍODO ANTERIOR</td>
                        <td class="col-sm-1">[23]</td>
                        <td class="col-sm-6">@Model.Gim.VL_SCPA23.ToString("C2")</td>
                    </tr>
                </table>
            </div>
        </div>
    </div>
</div>

```

```

        <td class="col-sm-5">TOTAL</td>
        <td class="col-sm-1">[24]</td>
        <td class="col-sm-6">@Model.Gim.VL_TOTA24.ToString("C2")</td>
    </tr>
</table>
</div>
</div>
</div>
</div>
<br />
<div class="panel panel-default">
    <div class="panel-heading text-center">Apuração dos Saldos</div>
    <div class="panel-body">
        <div class="row">
            <div class="col-sm-6">
                <table class="table">
                    <tr>
                        <td class="col-sm-5">SALDO DEVEDOR</td>
                        <td class="col-sm-1">[25]</td>
                        <td class="col-sm-6">@Model.Gim.VL_APUS25.ToString("C2")</td>
                    </tr>
                    <tr>
                        <td class="col-sm-5">DEDUÇÕES </td>
                        <td class="col-sm-1">[26]</td>
                        <td class="col-sm-6">@Model.Gim.VL_DEBT26.ToString("C2")</td>
                    </tr>
                    <tr>
                        <td class="col-sm-5">IMPOSTO A RECOLHER </td>
                        <td class="col-sm-1">[27]</td>
                        <td class="col-sm-6">@Model.Gim.VL_APUR27.ToString("C2")</td>
                    </tr>
                    <tr>
                        <td class="col-sm-5">SALDO CREDOR PARA O PERÍODO SEGUINTE </td>
                        <td class="col-sm-1">[28]</td>
                        <td class="col-sm-6">@Model.Gim.VL_APUC28.ToString("C2")</td>
                    </tr>
                </table>
            </div>
        </div>
    </div>
</div>
<br />
<div class="panel panel-default">
    <div class="panel-heading text-center"><label>ICMS do Período</label></div>
    <div class="panel-body">
        <div class="row">
            <div class="col-sm-12">

```



<table class="table">					
<tr>					
<td class="col-sm-3">EM BRANCO </td>					
<td class="col-sm-1">[29]</td>					
<td class="col-sm-2">@Model.Gim.VL_NORR29.ToString("C2")</td>					
<td class="col-sm-3">EM BRANCO </td>					
<td class="col-sm-1">[30]</td>					
<td class="col-sm-2">@Model.Gim.VL_NORA30.ToString("C2")</td>					
</tr>					
<tr>					
<td class="col-sm-3">SUBSTITUTO PELAS SAÍDAS – PREST. DE SERVIÇOS (1225)					
</td>					
<td class="col-sm-1">[31]</td>					
<td class="col-sm-2">@Model.Gim.VL_SPSR31.ToString("C2")</td>					
<td class="col-sm-3">SUBSTITUTO PELAS SAÍDAS MERCADORIAS (1225) </td>					
<td class="col-sm-1">[32]</td>					
<td class="col-sm-2">@Model.Gim.VL_SPSA32.ToString("C2")</td>					
</tr>					
<tr>					
<td class="col-sm-3">SUBSTITUTO NÃO RETIDO PELO REMETENTE (1241) </td>					
<td class="col-sm-1">[33]</td>					
<td class="col-sm-2">@Model.Gim.VL_SPER33.ToString("C2")</td>					
<td class="col-sm-3">SUBSTITUTO PELAS ENTRADAS – RETIDO DE TERCEIROS					
(1220) </td>					
<td class="col-sm-1">[34]</td>					
<td class="col-sm-2">@Model.Gim.VL_SPEA34.ToString("C2")</td>					
</tr>					
<tr>					
<td class="col-sm-3">DIFERENÇA DE ALÍQUOTAS: ATIVO PERMANENTE (1245)					
</td>					
<td class="col-sm-1">[35]</td>					
<td class="col-sm-2">@Model.Gim.VL_IMPR35.ToString("C2")</td>					
<td class="col-sm-3">DIFERENÇA DE ALÍQUOTAS: CONSUMO (1245) </td>					
<td class="col-sm-1">[36]</td>					
<td class="col-sm-2">@Model.Gim.VL_IMPA36.ToString("C2")</td>					
</tr>					
<tr>					
<td class="col-sm-3">DIF. DE ALÍQUOTAS: SERV. DE TRANSPORTE – ATIVO (1245)					
</td>					
<td class="col-sm-1">[37]</td>					
<td class="col-sm-2">@Model.Gim.VL_EXPR37.ToString("C2")</td>					
<td class="col-sm-3">DIF. DE ALÍQUOTAS: SERV. DE TRANSPORTE – CONSUMO					
(1245) </td>					
<td class="col-sm-1">[38]</td>					
<td class="col-sm-2">@Model.Gim.VL_EXPA38.ToString("C2")</td>					
</tr>					
<tr>					
<td class="col-sm-3">ESTORNO AEAC–ANEXO VIII do SCANC (1260) </td>					
<td class="col-sm-1">[39]</td>					
<td class="col-sm-2">@Model.Gim.VL_ANTR39.ToString("C2")</td>					
<td class="col-sm-3">ESTORNO B100-ANEXO VIII do SCANC (1270) </td>					

```

        <td class="col-sm-1">[40]</td>
        <td class="col-sm-2">@Model.Gim.VL_ANTA40.ToString("C2")</td>
    </tr>
    <tr>
        <td class="col-sm-3">FECOP - APURAÇÃO (5410) </td>
        <td class="col-sm-1">[41]</td>
        <td class="col-sm-2">@Model.Gim.VL_ICMR41.ToString("C2")</td>
        <td class="col-sm-3">FECOP – SUBSTITUTO (5415) </td>
        <td class="col-sm-1">[42]</td>
        <td class="col-sm-2">@Model.Gim.VL_ICMA42.ToString("C2")</td>
    </tr>
</table>
</div>
</div>
</div>
</div>

<br />

<div class="panel panel-default">
    <div class="panel-heading text-center"><label>Detalhamento dos Débitos e Creditos</label></div>
    <div class="panel-body">

        <div class="panel panel-default">
            <div class="panel-heading text-center">Outros Débitos</div>
            <div class="panel-body">
                <table class="table">
                    <tr>
                        <td class="col-sm-9">A. TRANSF. DE CRÉDITO: EXPORTAÇÃO </td>
                        <td class="col-sm-1">[43]</td>
                        <td class="col-sm-
2">@Model.RetornaValorDetalhamentoPorCodigo(43).ToString("C2")</td>
                    </tr>
                    <tr>
                        <td class="col-sm-9">B.</td>
                        <td class="col-sm-1">[44]</td>
                        <td class="col-sm-
2">@Model.RetornaValorDetalhamentoPorCodigo(44).ToString("C2")</td>
                    </tr>
                    <tr>
                        <td class="col-sm-9">C.</td>
                        <td class="col-sm-1">[45]</td>
                        <td class="col-sm-
2">@Model.RetornaValorDetalhamentoPorCodigo(45).ToString("C2")</td>
                    </tr>
                    <tr>
                        <td class="col-sm-9">D.</td>
                        <td class="col-sm-1">[46]</td>
                        <td class="col-sm-
2">@Model.RetornaValorDetalhamentoPorCodigo(46).ToString("C2")</td>
                    </tr>

```

```

        <tr>
            <td class="col-sm-9">TOTAL A INFORMAR NO CAMPO 16</td>
            <td class="col-sm-1">[47]</td>
            <td class="col-sm-2">@Model.Gim.VL_OUTD16.ToString("C2")</td>
        </tr>
    </table>
</div>
</div>

```

```

<div class="panel panel-default">
    <div class="panel-heading text-center">Outros Créditos</div>
    <div class="panel-body">
        <table class="table">
            <tr>
                <td class="col-sm-9">A. ENERGIA </td>
                <td class="col-sm-1">[48]</td>
                <td class="col-sm-2">@Model.RetornaValorDetalhamentoPorCodigo(48).ToString("C2")</td>
            </tr>
            <tr>
                <td class="col-sm-9">B. TELECOMUNICAÇÕES</td>
                <td class="col-sm-1">[49]</td>
                <td class="col-sm-2">@Model.RetornaValorDetalhamentoPorCodigo(49).ToString("C2")</td>
            </tr>
            <tr>
                <td class="col-sm-9">C. ICMS ANTECIPADO</td>
                <td class="col-sm-1">[50]</td>
                <td class="col-sm-2">@Model.RetornaValorDetalhamentoPorCodigo(50).ToString("C2")</td>
            </tr>
            <tr>
                <td class="col-sm-9">D. ICMS RECOLHIDO: IMPORTAÇÃO</td>
                <td class="col-sm-1">[51]</td>
                <td class="col-sm-2">@Model.RetornaValorDetalhamentoPorCodigo(51).ToString("C2")</td>
            </tr>
            <tr>
                <td class="col-sm-9">E. ATIVO PERMANENTE: DIF. DE ALÍQUOTAS</td>
                <td class="col-sm-1">[52]</td>
                <td class="col-sm-2">@Model.RetornaValorDetalhamentoPorCodigo(52).ToString("C2")</td>
            </tr>
            <tr>
                <td class="col-sm-9">F. CRÉDITO RECEBIDO: EXPORTAÇÃO </td>
                <td class="col-sm-1">[53]</td>
                <td class="col-sm-2">@Model.RetornaValorDetalhamentoPorCodigo(53).ToString("C2")</td>
            </tr>
            <tr>
                <td class="col-sm-9">G. PARCELAMENTOS </td>
                <td class="col-sm-1">[54]</td>
                <td class="col-sm-2">@Model.RetornaValorDetalhamentoPorCodigo(54).ToString("C2")</td>
            </tr>
        </table>
    </div>
</div>

```

```

                <td class="col-sm-1">[54]</td>
                <td class="col-sm-
2">@Model.RetornaValorDetalhamentoPorCodigo(54).ToString("C2")</td>
            </tr>
            <tr>
                <td class="col-sm-9">H. FECOP - ICMS NORMAL</td>
                <td class="col-sm-1">[55]</td>
                <td class="col-sm-
2">@Model.RetornaValorDetalhamentoPorCodigo(55).ToString("C2")</td>
            </tr>
            <tr>
                <td class="col-sm-9">I.IMOBILIZADO</td>
                <td class="col-sm-1">[56]</td>
                <td class="col-sm-
2">@Model.RetornaValorDetalhamentoPorCodigo(56).ToString("C2")</td>
            </tr>
            <tr>
                <td class="col-sm-9">TOTAL A INFORMAR NO CAMPO 20 </td>
                <td class="col-sm-1">[57]</td>
                <td class="col-sm-2">@Model.Gim.VL_OUTC20.ToString("C2")</td>
            </tr>
        </table>
    </div>
</div>

<div class="panel panel-default">
    <div class="panel-heading text-center">Estorno de Créditos</div>
    <div class="panel-body">
        <table class="table">
            <tr>
                <td class="col-sm-9">A. BAIXAS DO ATIVO FIXO</td>
                <td class="col-sm-1">[58]</td>
                <td class="col-sm-
2">@Model.RetornaValorDetalhamentoPorCodigo(58).ToString("C2")</td>
            </tr>
            <tr>
                <td class="col-sm-9">B. EM DECORRÊNCIA SAÍDAS ISENTAS</td>
                <td class="col-sm-1">[59]</td>
                <td class="col-sm-
2">@Model.RetornaValorDetalhamentoPorCodigo(59).ToString("C2")</td>
            </tr>
            <tr>
                <td class="col-sm-9">C.</td>
                <td class="col-sm-1">[60]</td>
                <td class="col-sm-
2">@Model.RetornaValorDetalhamentoPorCodigo(60).ToString("C2")</td>
            </tr>
            <tr>
                <td class="col-sm-9">D.</td>
                <td class="col-sm-1">[61]</td>
                <td class="col-sm-

```

```

2">@Model.RetornaValorDetalhamentoPorCodigo(61).ToString("C2")</td>
</tr>
<tr>
<td class="col-sm-9">TOTAL A INFORMAR NO CAMPO 17 </td>
<td class="col-sm-1">[62]</td>
<td class="col-sm-2">@Model.Gim.VL_ESTC17.ToString("C2")</td>
</tr>
</table>
</div>
</div>

```

```

<div class="panel panel-default">
<div class="panel-heading text-center">Estorno de Débitos</div>
<div class="panel-body">
<table class="table">
<tr>
<td class="col-sm-9">A.</td>
<td class="col-sm-1">[63]</td>
<td class="col-sm-

```

```

2">@Model.RetornaValorDetalhamentoPorCodigo(63).ToString("C2")</td>
</tr>
<tr>
<td class="col-sm-9">B.</td>
<td class="col-sm-1">[64]</td>
<td class="col-sm-

```

```

2">@Model.RetornaValorDetalhamentoPorCodigo(64).ToString("C2")</td>
</tr>
<tr>
<td class="col-sm-9">C.</td>
<td class="col-sm-1">[65]</td>
<td class="col-sm-

```

```

2">@Model.RetornaValorDetalhamentoPorCodigo(65).ToString("C2")</td>
</tr>
<tr>
<td class="col-sm-9">D.</td>
<td class="col-sm-1">[66]</td>
<td class="col-sm-

```

```

2">@Model.RetornaValorDetalhamentoPorCodigo(66).ToString("C2")</td>
</tr>
<tr>
<td class="col-sm-9">TOTAL A INFORMAR NO CAMPO 21 </td>
<td class="col-sm-1">[67]</td>
<td class="col-sm-2">@Model.Gim.VL_ESTC21.ToString("C2")</td>
</tr>
</table>
</div>
</div>

```

```

<div class="panel panel-default">
<div class="panel-heading text-center">Deduções</div>
<div class="panel-body">

```

```

<table class="table">
  <tr>
    <td class="col-sm-9">A. INCENTIVO CULTURAL </td>
    <td class="col-sm-1">[68]</td>
    <td class="col-sm-
2">@Model.RetornaValorDetalhamentoPorCodigo(68).ToString("C2")</td>
  </tr>
  <tr>
    <td class="col-sm-9">B.</td>
    <td class="col-sm-1">[69]</td>
    <td class="col-sm-
2">@Model.RetornaValorDetalhamentoPorCodigo(69).ToString("C2")</td>
  </tr>
  <tr>
    <td class="col-sm-9">C.</td>
    <td class="col-sm-1">[70]</td>
    <td class="col-sm-
2">@Model.RetornaValorDetalhamentoPorCodigo(70).ToString("C2")</td>
  </tr>
  <tr>
    <td class="col-sm-9">D.</td>
    <td class="col-sm-1">[71]</td>
    <td class="col-sm-
2">@Model.RetornaValorDetalhamentoPorCodigo(66).ToString("C2")</td>
  </tr>
  <tr>
    <td class="col-sm-9">TOTAL A INFORMAR NO CAMPO 26 </td>
    <td class="col-sm-1">[72]</td>
    <td class="col-sm-2">@Model.Gim.VL_DEBT26.ToString("C2")</td>
  </tr>
</table>
</div>
</div>
</div>
</div>

```

```

<br />

```

```

<div class="panel panel-default">
  <div class="panel-heading text-center"><label>Informações Sobre o Estoque</label></div>
  <div class="panel-body">
    <table class="table">
      <tr>
        <td class="col-sm-9">ESTOQUE INICIAL (1° DE JANEIRO DO EXERCÍCIO) </td>
        <td class="col-sm-1">[73]</td>
        <td class="col-sm-2">@Model.Gim.MEST73</td>
      </tr>
      <tr>
        <td class="col-sm-9"></td>
        <td class="col-sm-1">[74]</td>
        <td class="col-sm-2">@Model.Gim.VL_VEST74.ToString("C2")</td>
      </tr>
    </table>
  </div>
</div>

```

```

        </tr>
    </table>
</div>
</div>

<br />

<div class="panel panel-default">
    <div class="panel-heading text-center"><label>Observações</label></div>
    <div class="panel-body">
        <table class="table">
            <tr>
                <td class="col-sm-12">@Model.Gim.OBSERVACOES_75</td>
            </tr>
        </table>
    </div>
</div>
<br />
<a href="@Url.Action("Consultar", new { ie = Model.Gim.NU_INSCRICAO_ESTADUAL
    })" class="btn btn-primary">Voltar</a>
</div>
</div>
</div>
</div>
</div>
</div>

```

```
@section scripts {
```

```

<!--Datatables-->
<script src="~/Content/vendors/datatables.net/js/jquery.dataTables.min.js"></script>
<script src="~/Content/vendors/datatables.net-bs/js/dataTables.bootstrap.min.js"></script>
<script src="~/Content/vendors/datatables.net-buttons/js/dataTables.buttons.min.js"></script>
<script src="~/Content/vendors/datatables.net-buttons-bs/js/buttons.bootstrap.min.js"></script>
<script src="~/Content/vendors/datatables.net-buttons/js/buttons.flash.min.js"></script>
<script src="~/Content/vendors/datatables.net-buttons/js/buttons.html5.min.js"></script>
<script src="~/Content/vendors/datatables.net-buttons/js/buttons.print.min.js"></script>
<script src="~/Content/vendors/datatables.net-fixedheader/js/dataTables.fixedHeader.min.js"></script>
<script src="~/Content/vendors/datatables.net-keytable/js/dataTables.keyTable.min.js"></script>
<script src="~/Content/vendors/datatables.net-responsive/js/dataTables.responsive.min.js"></script>
<script src="~/Content/vendors/datatables.net-responsive-bs/js/responsive.bootstrap.js"></script>
<script src="~/Content/vendors/datatables.net-scroller/js/datatables.scroller.min.js"></script>
<script src="~/Content/vendors/jszip/dist/jszip.min.js"></script>
<script src="~/Content/vendors/pdfmake/build/pdfmake.min.js"></script>
<script src="~/Content/vendors/pdfmake/build/vfs_fonts.js"></script>

```

```
<script type="text/javascript">
```

```
$(document).ready(function () {
```

```

$("#cmdVincular").on('click', function () {

    var _self = $(this);

    var prefeiturasSel = [];

    $("input[name='prefeiturasSelecionadas']:checked").each(function () {

        prefeiturasSel.push($(this).val());

    });

    var UsuarioPrefeituraViewModel = {

        Usuario: {
            SQ_USUARIO: _self.data('key')
        },
        UsuarioPrefeituraList: prefeiturasSel

    };

```

```

$.ajax({
    type: "POST",
    url: '@Url.Action("Vincular", "Usuario")',
    dataType: "json",
    success: function (data) {
        if (data.ex != null) {
            return alert(data.ex);
        }

        if (data.Result != null) {

            document.location.href = '@Url.Action("Index", "Usuario")';
        }

    },
    data: { UsuarioPrefeituraViewModel }
});

```

```

});

```

```

});

```

```

</script>

```

```

}

```

```

Consultar.cshtml

```

```

@model List<siva.api.Models.GIMReferenciaViewModel>

```

```

<div role="main" class="right_col">

```



```

<div>
  <div class="page-title">
    <div class="title_left">
      <h3>Guia Mensal</h3>
    </div>
  </div>
</div>
<div class="clearfix"></div>
<div class="row">
  <div class="col-md-12 col-sm-12 col-xs-12">
    <div class="x_panel">
      <div class="x_title">
        <h2>Listagem</h2>
        <div class="clearfix"></div>
      </div>
      <div class="x_content">
        <table id="datatable-buttons" class="table table-striped table-bordered">
          <thead>
            <tr>
              <th>Ref.</th>
              <th>Data Recepção</th>
              <th>I.E</th>
              <th>CNPJ/CPF</th>
              <th>Nome Fantasia</th>
              <th>Razão Social</th>
              <th class="col-lg-2">#</th>
            </tr>
          </thead>
          <tbody>

            @foreach (siva.api.Models.GIMReferenciaViewModel row in Model)
            {
              <tr>
                <td>@row.Gim.NU_REFERENCIA</td>
                <td>@row.Gim.DT_RECEPCAO</td>
                <td>@row.Gim.NU_INSCRICAO_ESTADUAL</td>
                <td>@row.Gim.NU_CNPJ_CPF</td>
                <td>@row.Gim.NM_FANTASIA</td>
                <td>@row.Gim.NM_RAZAO_SOCIAL</td>
                <td class="col-lg-2">
                  <div class="btn-group">
                    <button type="button" class="btn btn-success dropdown-toggle btn-xs">Ações</button>
                    <button type="button" class="btn btn-success dropdown-toggle btn-xs" data-
toggle="dropdown" aria-expanded="false">
                      <span class="caret"></span>
                      <span class="sr-only">Toggle Dropdown</span>
                    </button>
                    <ul class="dropdown-menu" role="menu">
                      <li>
                        <a href="@Url.Action("Emitir", new { le = row.Gim.NU_INSCRICAO_ESTADUAL,
Referencia = row.Gim.NU_REFERENCIA })" class="cmdEmitir"><span class="glyphicon glyphicon-file"
aria-hidden="true"></span>Detalhar GIM</a>

```

```

        </li>
      </ul>
    </div>
  </td>
</tr>
}

</tbody>
</table>
</div>
<div class="form-group">
  <div class="col-md-6">
    <a href="@Url.Action("Index")" class="btn btn-danger">Cancelar</a>
  </div>
</div>
</div>
</div>
</div>
</div>

```

```
@section scripts {
```

```

<!--Datatables-->
<script src="~/Content/vendors/datatables.net/js/jquery.dataTables.min.js"></script>
<script src="~/Content/vendors/datatables.net-bs/js/dataTables.bootstrap.min.js"></script>
<script src="~/Content/vendors/datatables.net-buttons/js/dataTables.buttons.min.js"></script>
<script src="~/Content/vendors/datatables.net-buttons-bs/js/buttons.bootstrap.min.js"></script>
<script src="~/Content/vendors/datatables.net-buttons/js/buttons.flash.min.js"></script>
<script src="~/Content/vendors/datatables.net-buttons/js/buttons.html5.min.js"></script>
<script src="~/Content/vendors/datatables.net-buttons/js/buttons.print.min.js"></script>
<script src="~/Content/vendors/datatables.net-fixedheader/js/dataTables.fixedHeader.min.js"></script>
<script src="~/Content/vendors/datatables.net-keytable/js/dataTables.keyTable.min.js"></script>
<script src="~/Content/vendors/datatables.net-responsive/js/dataTables.responsive.min.js"></script>
<script src="~/Content/vendors/datatables.net-responsive-bs/js/responsive.bootstrap.js"></script>
<script src="~/Content/vendors/datatables.net-scroller/js/datatables.scroller.min.js"></script>
<script src="~/Content/vendors/jszip/dist/jszip.min.js"></script>
<script src="~/Content/vendors/pdfmake/build/pdfmake.min.js"></script>
<script src="~/Content/vendors/pdfmake/build/vfs_fonts.js"></script>
<script>
  $(document).ready(function () {

    $(".cmdDetalharGIM").on('click', function () {

      return alert('em desenvolvimento');

    });

    var handleDataTableButtons = function () {
      if ($("#datatable-buttons").length) {
        $("#datatable-buttons").DataTable({

```

```

        dom: "Bfrrtip",
        buttons: [
            {
                extend: "copy",
                className: "btn-sm"
            },
            {
                extend: "csv",
                className: "btn-sm"
            },
            {
                extend: "excel",
                className: "btn-sm"
            },
            {
                extend: "pdfHtml5",
                className: "btn-sm"
            },
            {
                extend: "print",
                className: "btn-sm"
            },
        ],
        responsive: true
    });
}
};
TableManageButtons = function () {
    "use strict";
    return {
        init: function () {
            handleDataTableButtons();
        }
    };
};
}();
$('#datatable').dataTable();
$('#datatable-keytable').DataTable({
    keys: true
});
$('#datatable-responsive').DataTable();
$('#datatable-scroller').DataTable({
    ajax: "js/datatables/json/scroller-demo.json",
    deferRender: true,
    scrollY: 380,
    scrollCollapse: true,
    scroller: true
});
$('#datatable-fixed-header').DataTable({
    fixedHeader: true
});
var $datatable = $('#datatable-checkbox');

```

```

$datatable.dataTable({
    'order': [[1, 'asc']],
    'columnDefs': [
        { orderable: false, targets: [0] }
    ]
});
$datatable.on('draw.dt', function () {
    $('input').iCheck({
        checkboxClass: 'icheckbox_flat-green'
    });
});
TableManageButtons.init();
});

@Html.Raw(TempData["msg"])
</script>

}
Index.cshtml
@{
    Layout = "~/Views/Shared/_Layout.cshtml";
}

<div role="main" class="right_col">
    <div>
        <div class="page-title">
            <div class="title_left">
                <h3>CTE - Emitente</h3>
            </div>
        </div>
        <div class="clearfix"></div>
        <div class="row">
            <div class="col-md-12 col-sm-12 col-xs-12">
                <div class="x_panel">
                    <div class="x_title">
                        <h2>Consulta</h2>
                        <div class="clearfix"></div>
                    </div>
                    <div class="x_content">
                        <form class="form-horizontal form-label-left" method="post" action="@Url.Action("Consultar")"
novalidate>

                            <div class="item form-group">
                                <label class="control-label col-md-3 col-sm-3 col-xs-12">
                                    CNPJ <span class="required">*</span>
                                </label>
                                <div class="col-md-2">
                                    <input id="cnpj" class="form-control" name="CNPJ" placeholder="Informe o CNPJ"
required="required" type="text" data-mask="cnpj">
                                </div>
                            </div>

```

```

<div class="item form-group">
  <label class="control-label col-md-3 col-sm-3 col-xs-12">
    Período <span class="required">*</span>
  </label>
  <div class="col-md-1">
    <input id="data_inicial" class="form-control date-picker" name="dataInicial"
placeholder="Informe a Data Inicial" required="required" type="text" data-mask="date">
  </div>
  <div class="col-md-1">
    <input id="data_final" class="form-control date-picker" name="dataFinal" placeholder="Informe
a Data Final" required="required" type="text" data-mask="date">
  </div>
</div>

<div class="ln_solid"></div>
<div class="form-group">
  <div class="col-md-6 col-md-offset-3">
    <button id="cmdConsultar" type="submit" class="btn btn-success" onclick="alert('em
desenvolvimento'); return false;">Consultar</button>
  </div>
</div>
</form>
</div>
</div>
</div>
</div>
</div>
</div>

```

@section scripts {

```

<script type="text/javascript">

```

```

$(document).ready(function () {

```

```

  $('form')
    .on('blur', 'input[required], input.optional, select.required', validator.checkField)
    .on('change', 'select.required', validator.checkField);

```

```

  $('.multi.required').on('blur', 'input', function () {
    validator.checkField.apply($(this).siblings().last()[0]);
  });

```

```

  $('form').submit(function (e) {

    e.preventDefault();

```

```
var submit = true;

if (!validator.checkAll($(this))) {
    submit = false;
}

if (submit)
{
    this.submit();
}

return false;
});
});
```

&lt;/script&gt;

}

Index.cshtml

 $@\{$ 

```
Layout = "~/Views/Shared/_Layout.cshtml";
```

}

<div role="main" class="right\_col">

<div>

<div class="page-title">

<div class="title\_left">

### CTE - Destinatário

&lt;/div&gt;

<div class="clearfix"></div>

```
<div class="row">
```

<div class="col-md-12 col-sm-12 col-xs-12">

<div class="x\_panel">

<div class="x\_title">

## Consulta

<div class="clearfix"></div>

&lt;/div&gt;

<div class="x content">

```
<form class="form-horizontal form-label-left" method="post" action="@Url.Action("Consultar")">
```

novalidate&gt;

<div class="item form-group">

&lt;label class="control-label col-md-3 col-sm-3 col-xs-12"&gt;

CNPJ \*

&lt;/label&gt;

<div class="col-md-2">

```

        <input id="cnpj" class="form-control" name="CNPJ" placeholder="Informe o CNPJ"
required="required" type="text" data-mask="cnpj">
    </div>
</div>

<div class="item form-group">
    <label class="control-label col-md-3 col-sm-3 col-xs-12">
        Período <span class="required">*</span>
    </label>
    <div class="col-md-1">
        <input id="data_inicial" class="form-control date-picker" name="dataInicial"
placeholder="Informe a Data Inicial" required="required" type="text" data-mask="date">
    </div>
    <div class="col-md-1">
        <input id="data_final" class="form-control date-picker" name="dataFinal" placeholder="Informe
a Data Final" required="required" type="text" data-mask="date">
    </div>
</div>

<div class="ln_solid"></div>
<div class="form-group">
    <div class="col-md-6 col-md-offset-3">
        <button id="cmdConsultar" type="submit" class="btn btn-success" onclick="alert('em
desenvolvimento'); return false;">Consultar</button>
    </div>
</div>
</form>
</div>
</div>
</div>
</div>
</div>
</div>

```

```
@section scripts {
```

```
<script type="text/javascript">
```

```
$(document).ready(function () {
```

```
    $('form')
```

```
        .on('blur', 'input[required], input.optional, select.required', validator.checkField)
```

```
        .on('change', 'select.required', validator.checkField);
```

```
    $('.multi.required').on('blur', 'input', function () {
```

```
        validator.checkField.apply($(this).siblings().last()[0]);
```

```
    });
```

```

$('form').submit(function (e) {

    e.preventDefault();

    var submit = true;

    if (!validator.checkAll($(this))) {
        submit = false;
    }

    if (submit)
    {
        this.submit();
    }

    return false;
});
});

```

```
@Html.Raw(TempData["msg"])
```

```
</script>
```

```
}
```

```
Seleccionar.cshtml
```

```
@model siva.api.Models.ContadorViewModel
```

```

<div role="main" class="right_col">
    <div>
        <div class="page-title">
            <div class="title_left">
                <h3>Cadastro de Contadores</h3>
            </div>
        </div>
        <div class="clearfix"></div>
        <div class="row">
            <div class="col-md-12 col-sm-12 col-xs-12">
                <div class="x_panel">
                    <div class="x_title">
                        <h2>Exibir</h2>
                    <div class="clearfix"></div>
                </div>
                <div class="x_content">
                    <div class="panel panel-default">
                        <!-- Default panel contents -->
                        <div class="panel-heading">Descritivo</div>
                        <div class="panel-body">
                            <p>@Model.Contador.NM_CONTADOR</p>
                        </div>
                    </div>
                </div>
            </div>
        </div>
    </div>

```



```

<!-- List group -->
<ul class="list-group">
  <li class="list-group-item">
    <div class="item form-group">
      <label class="control-label col-md-3 col-sm-3 col-xs-12" for="prefeito">
        CRC
      </label>
      <div class="col-md-6 col-sm-6 col-xs-12">
        @Model.Contador.NU_CRC
      </div>
    </div>
  </li>

  @if (Model.EnderecoDesnormalizado)
  {
    <li class="list-group-item">
      <div class="item form-group">
        <label class="control-label col-md-3 col-sm-3 col-xs-12" for="secretarioTributacao">
          Endereço Completo
        </label>
        <div class="col-md-6 col-sm-6 col-xs-12">
          @Model.Contador.NM_LOGRADOURO
        </div>
      </div>
    </li>
  }
  else
  {
    <li class="list-group-item">
      <div class="item form-group">
        <label class="control-label col-md-3 col-sm-3 col-xs-12" for="secretarioTributacao">
          Logradouro
        </label>
        <div class="col-md-6 col-sm-6 col-xs-12">
          @Model.Contador.NM_LOGRADOURO
        </div>
      </div>
    </li>
    <li class="list-group-item">
      <div class="item form-group">
        <label class="control-label col-md-3 col-sm-3 col-xs-12" for="contador">
          Nº
        </label>
        <div class="col-md-6 col-sm-6 col-xs-12">
          @Model.Contador.NU_LOGRADOURO
        </div>
      </div>
    </li>
    <li class="list-group-item">
      <div class="item form-group">

```

```

        <label class="control-label col-md-3 col-sm-3 col-xs-12" for="logradouro">
            CEP
        </label>
        <div class="col-md-6 col-sm-6 col-xs-12">
            @Model.Contador.NU_CEP
        </div>
    </div>
</li>
<li class="list-group-item">

        <div class="item form-group">
            <label class="control-label col-md-3 col-sm-3 col-xs-3" for="numero">
                Bairro
            </label>
            <div class="col-md-6 col-sm-6 col-xs-12">
                @Model.Contador.NM_BAIRRO
            </div>
        </div>
</li>
<li class="list-group-item">
        <div class="item form-group">
            <label class="control-label col-md-3 col-sm-3 col-xs-12" for="complemento">
                Telefone
            </label>
            <div class="col-md-6 col-sm-6 col-xs-12">
                @Model.Contador.NU_TELEFONE
            </div>
        </div>
</li>
<li class="list-group-item">
        <div class="item form-group">
            <label class="control-label col-md-3 col-sm-3 col-xs-12" for="contato">
                E-mail
            </label>
            <div class="col-md-6 col-sm-6 col-xs-12">
                @Model.Contador.NM_EMAIL_COMERCIAL
            </div>
        </div>
</li>
    }

</ul>
</div>
</div>
<div class="form-group">
    <div class="col-md-6">
        <a href="@Url.Action("Index")" class="btn btn-danger">Cancelar</a>
    </div>
</div>
</div>
</div>

```

```
</div>
</div>
</div>
```

```
@section scripts {
```

```
<!--Datatables-->
<script src="~/Content/vendors/datatables.net/js/jquery.dataTables.min.js"></script>
<script src="~/Content/vendors/datatables.net-bs/js/dataTables.bootstrap.min.js"></script>
<script src="~/Content/vendors/datatables.net-buttons/js/dataTables.buttons.min.js"></script>
<script src="~/Content/vendors/datatables.net-buttons-bs/js/buttons.bootstrap.min.js"></script>
<script src="~/Content/vendors/datatables.net-buttons/js/buttons.flash.min.js"></script>
<script src="~/Content/vendors/datatables.net-buttons/js/buttons.html5.min.js"></script>
<script src="~/Content/vendors/datatables.net-buttons/js/buttons.print.min.js"></script>
<script src="~/Content/vendors/datatables.net-fixedheader/js/dataTables.fixedHeader.min.js"></script>
<script src="~/Content/vendors/datatables.net-keytable/js/dataTables.keyTable.min.js"></script>
<script src="~/Content/vendors/datatables.net-responsive/js/dataTables.responsive.min.js"></script>
<script src="~/Content/vendors/datatables.net-responsive-bs/js/responsive.bootstrap.js"></script>
<script src="~/Content/vendors/datatables.net-scroller/js/datatables.scroller.min.js"></script>
<script src="~/Content/vendors/jszip/dist/jszip.min.js"></script>
<script src="~/Content/vendors/pdfmake/build/pdfmake.min.js"></script>
<script src="~/Content/vendors/pdfmake/build/vfs_fonts.js"></script>
```

```
}
Novo.cshtml
```

```
@{
    Layout = "~/Views/Shared/_Layout.cshtml";
}
```

```
<div role="main" class="right_col">
    <div>
        <div class="page-title">
            <div class="title_left">
                <h3>Cadastro de Contadores</h3>
            </div>
        </div>
        <div class="clearfix"></div>
        <div class="row">
            <div class="col-md-12 col-sm-12 col-xs-12">
                <div class="x_panel">
                    <div class="x_title">
                        <h2>Novo Contador</h2>
                        <div class="clearfix"></div>
                    </div>
                    <div class="x_content">
                        <form class="form-horizontal form-label-left" method="post" action="@Url.Action("Cadastrar")"
novalidate>

                            <div class="item form-group">
                                <label class="control-label col-md-3 col-sm-3 col-xs-12" for="nome">
```

```

        Nome <span class="required">*</span>
    </label>
    <div class="col-md-6 col-sm-6 col-xs-12">
        <input id="nome" class="form-control col-md-7 col-xs-12" name="NM_CONTADOR"
placeholder="Informe o nome do contador" required="required" type="text">
    </div>
</div>

<div class="item form-group">
    <label class="control-label col-md-3 col-sm-3 col-xs-12" for="crc">
        Nº CRC <span class="required">*</span>
    </label>
    <div class="col-md-6 col-sm-6 col-xs-12">
        <input id="crc" class="form-control col-md-7 col-xs-12" name="NU_CRC" placeholder="Informe
o Nº CRC" required="required" type="text" data-mask="integer">
    </div>
</div>

<div class="item form-group">
    <label class="control-label col-md-3 col-sm-3 col-xs-12" for="logradouro">
        Logradouro <span class="required">*</span>
    </label>
    <div class="col-md-6 col-sm-6 col-xs-12">
        <input id="logradouro" class="form-control col-md-7 col-xs-12" name="NM_LOGRADOURO"
placeholder="Informe o logradouro." required="required" type="text">
    </div>
</div>

<div class="item form-group">
    <label class="control-label col-md-3 col-sm-3 col-xs-12" for="numero">
        Número <span class="required">*</span>
    </label>
    <div class="col-md-6 col-sm-6 col-xs-12">
        <input id="numero" class="form-control col-md-7 col-xs-12" name="NU_LOGRADOURO"
placeholder="Informe o número" required="required" type="text">
    </div>
</div>

<div class="item form-group">
    <label class="control-label col-md-3 col-sm-3 col-xs-12" for="complemento">
        Complemento
    </label>
    <div class="col-md-6 col-sm-6 col-xs-12">
        <input id="complemento" class="form-control col-md-7 col-xs-12"
name="NM_COMPLEMENTO" placeholder="Informe o complemento" type="text">
    </div>
</div>

<div class="item form-group">
    <label class="control-label col-md-3 col-sm-3 col-xs-3" for="cep">
        CEP

```

```

        </label>
        <div class="col-md-6 col-sm-6 col-xs-12">
            <input id="cep" class="form-control col-md-7 col-xs-12" name="NU_CEP"
placeholder="Informe o CEP" type="text" data-mask="cep">
        </div>
    </div>

    <div class="item form-group">
        <label class="control-label col-md-3 col-sm-3 col-xs-12" for="bairro">
            Bairro
        </label>
        <div class="col-md-6 col-sm-6 col-xs-12">
            <input id="bairro" class="form-control col-md-7 col-xs-12" name="NM_BAIRRO"
placeholder="Informe o bairro" type="text">
        </div>
    </div>

    <div class="item form-group">
        <label class="control-label col-md-3 col-sm-3 col-xs-12" for="contato">
            Contato <span class="required">*</span>
        </label>
        <div class="col-md-6 col-sm-6 col-xs-12">
            <input id="contato" class="form-control col-md-7 col-xs-12" name="NU_TELEFONE"
placeholder="Informe o telefone para contato" required="required" type="text">
        </div>
    </div>

    <div class="item form-group">
        <label class="control-label col-md-3 col-sm-3 col-xs-12" for="email">
            E-mail
        </label>
        <div class="col-md-6 col-sm-6 col-xs-12">
            <input id="email" class="form-control col-md-7 col-xs-12" name="NM_EMAIL_COMERCIAL"
placeholder="Informe o e-mail" type="text">
        </div>
    </div>

    <div class="ln_solid"></div>
    <div class="form-group">
        <div class="col-md-6 col-md-offset-3">
            <button id="cmdCadastrar" type="submit" class="btn btn-success">Cadastrar</button>
            <a href="@Url.Action("Index")" class="btn btn-danger">Cancelar</a>
        </div>
    </div>
</form>
</div>
</div>
</div>

```

```
</div>
</div>
</div>
```

```
@section scripts {
```

```
<!-- validator -->
<script type="text/javascript">

    // initialize the validator function
    validator.message.date = 'not a real date';

    // validate a field on "blur" event, a 'select' on 'change' event & a '.required' classed multifield on 'keyup':
    $('form')
        .on('blur', 'input[required], input.optional, select.required', validator.checkField)
        .on('change', 'select.required', validator.checkField);

    $('.multi.required').on('blur', 'input', function () {
        validator.checkField.apply($(this).siblings().last()[0]);
    });

    $('form').submit(function (e) {

        e.preventDefault();

        var submit = true;

        // evaluate the form using generic validaing
        if (!validator.checkAll($(this))) {
            submit = false;
        }

        if (submit)
            this.submit();

        return false;
    });

    @Html.Raw(TempData["msg"])

</script>
```

```
}
Index.cshtml
@model IEnumerable<Dominio.Contador>

<div role="main" class="right_col">
    <div>
```

```

<div class="page-title">
  <div class="title_left">
    <h3>Cadastro de Contadores</h3>
  </div>
</div>
<div class="clearfix"></div>
<div class="row">
  <div class="col-md-12 col-sm-12 col-xs-12">
    <div class="x_panel">
      <div class="x_title">
        <h2>Listagem</h2>
        <div class="clearfix"></div>
      </div>
      <div class="x_content">
        <table id="datatable-buttons" class="table table-striped table-bordered">
          <thead>
            <tr>
              <th>Contador</th>
              <th>Nº CRC</th>
              <th>Contato</th>
              <th class="col-lg-2">#</th>
            </tr>
          </thead>
          <tbody>

            @foreach (Dominio.Contador row in Model.ToList())
            {
              <tr>
                <td>@row.NM_CONTADOR</td>
                <td>@row.NU_CRC</td>
                <td>@row.NU_TELEFONE</td>
                <td class="col-lg-2">
                  <div class="btn-group">
                    <button type="button" class="btn btn-success dropdown-toggle btn-xs">Ações</button>
                    <button type="button" class="btn btn-success dropdown-toggle btn-xs" data-
toggle="dropdown" aria-expanded="false">
                      <span class="caret"></span>
                      <span class="sr-only">Toggle Dropdown</span>
                    </button>
                    <ul class="dropdown-menu" role="menu">
                      <li>
                        <a href="@Url.Action("Selecionar", new { Id = row.SQ_CONTADOR })"
class="cmdSel" data-key="@row.SQ_CONTADOR"><span class="glyphicon glyphicon-eye-open" aria-
hidden="true"></span> Exibir</a>
                      </li>
                      <li>
                        <a class="cmdExcluir" data-key="@row.SQ_CONTADOR"><span
class="glyphicon glyphicon-trash" aria-hidden="true"></span> Excluir</a>
                      </li>
                      <li>
                        <a href="@Url.Action("ExibirContribuinte", new {Id = row.SQ_CONTADOR })"

```

```

class="cmdVincularContribuinte" data-key="@row.SQ_CONTADOR"><span class="glyphicon glyphicon-th-list" aria-
hidden="true"></span> Exibir Empresas</a>
        </li>
    </ul>
</div>
</td>
</tr>
}

</tbody>
</table>
</div>
<div class="form-group">
    <div class="col-md-6">
        <a href="@Url.Action("Novo")" class="btn btn-success">Novo Contador</a>
    </div>
</div>
</div>
</div>
</div>
</div>
</div>

```

```
@section scripts {
```

```

<!--Datatables-->
<script src="~/Content/vendors/datatables.net/js/jquery.dataTables.min.js"></script>
<script src="~/Content/vendors/datatables.net-bs/js/dataTables.bootstrap.min.js"></script>
<script src="~/Content/vendors/datatables.net-buttons/js/dataTables.buttons.min.js"></script>
<script src="~/Content/vendors/datatables.net-buttons-bs/js/buttons.bootstrap.min.js"></script>
<script src="~/Content/vendors/datatables.net-buttons/js/buttons.flash.min.js"></script>
<script src="~/Content/vendors/datatables.net-buttons/js/buttons.html5.min.js"></script>
<script src="~/Content/vendors/datatables.net-buttons/js/buttons.print.min.js"></script>
<script src="~/Content/vendors/datatables.net-fixedheader/js/dataTables.fixedHeader.min.js"></script>
<script src="~/Content/vendors/datatables.net-keytable/js/dataTables.keyTable.min.js"></script>
<script src="~/Content/vendors/datatables.net-responsive/js/dataTables.responsive.min.js"></script>
<script src="~/Content/vendors/datatables.net-responsive-bs/js/responsive.bootstrap.js"></script>
<script src="~/Content/vendors/datatables.net-scroller/js/datatables.scroller.min.js"></script>
<script src="~/Content/vendors/jszip/dist/jszip.min.js"></script>
<script src="~/Content/vendors/pdfmake/build/pdfmake.min.js"></script>
<script src="~/Content/vendors/pdfmake/build/vfs_fonts.js"></script>
<script>
    $(document).ready(function () {

        $(".cmdDel").on('click', function (e) {

            var _self = $(this);

            e.preventDefault();

            if (confirm('deseja realmente excluir?')) {

```



```

        document.location.href = _self.attr('href');
    }

});

$(".cmdExcluir").on('click', function () {

    var _self = $(this);

    if (confirm('deseja realmente excluir?')) {

        $.ajax({
            type: "POST",
            url: '@Url.Action("Excluir", "Contador")',
            dataType: "json",
            success: function (data) {

                if (data.ex != null) {
                    return alert(data.ex);
                }

                if (data.result != null) {

                    document.location.href = '@Url.Action("Index", "Contador")';

                }

            },
            data: { SQ_USUARIO: _self.data('key') }
        });

    }

});

var handleDataTableButtons = function () {
    if ($("#datatable-buttons").length) {
        $("#datatable-buttons").DataTable({
            dom: "Bfrtip",
            buttons: [
                {
                    extend: "copy",
                    className: "btn-sm"
                },
                {
                    extend: "csv",
                    className: "btn-sm"
                },
                {
                    extend: "excel",

```

```

        className: "btn-sm"
    },
    {
        extend: "pdfHtml5",
        className: "btn-sm"
    },
    {
        extend: "print",
        className: "btn-sm"
    },
    ],
    responsive: true
});
}
};
TableManageButtons = function () {
    "use strict";
    return {
        init: function () {
            handleDataTableButtons();
        }
    };
}();
$('#datatable').dataTable();
$('#datatable-keytable').DataTable({
    keys: true
});
$('#datatable-responsive').DataTable();
$('#datatable-scroller').DataTable({
    ajax: "js/datatables/json/scroller-demo.json",
    deferRender: true,
    scrollY: 380,
    scrollCollapse: true,
    scroller: true
});
$('#datatable-fixed-header').DataTable({
    fixedHeader: true
});
var $datatable = $('#datatable-checkbox');
$datatable.dataTable({
    'order': [[1, 'asc']],
    'columnDefs': [
        { orderable: false, targets: [0] }
    ]
});
$datatable.on('draw.dt', function () {
    $('input').iCheck({
        checkboxClass: 'icheckbox_flat-green'
    });
});
TableManageButtons.init();

```

```
@Html.Raw(TempData["msg"])
</script>
}
ExibirContribuinte.cshtml
@model siva.api.Models.ContadorContribuinteViewModel

<div role="main" class="right_col">
    <div>
        <div class="page-title">
            <div class="title_left">
                <h3>Cadastro de Contadores \ Exibir Contribuintes</h3>
            </div>
        </div>
        <div class="clearfix"></div>
        <div class="row">
            <div class="col-md-12 col-sm-12 col-xs-12">
                <div class="x_panel">
                    <div class="x_content">
                        <div class="panel panel-default">
                            <!-- Default panel contents -->
                            <div class="panel-heading">Dados do Contador</div>
                            <!-- List group -->
                            <ul class="list-group">
                                <li class="list-group-item">
                                    <div class="item form-group">
                                        <label class="control-label col-md-3 col-sm-3 col-xs-12" for="prefeito">
                                            Nome
                                        </label>
                                        <div class="col-md-6 col-sm-6 col-xs-12">
                                            @Model.Contador.NM_CONTADOR
                                        </div>
                                    </div>
                                </li>
                                <li class="list-group-item">
                                    <div class="item form-group">
                                        <label class="control-label col-md-3 col-sm-3 col-xs-12" for="prefeito">
                                            CRC
                                        </label>
                                        <div class="col-md-6 col-sm-6 col-xs-12">
                                            @Model.Contador.NU_CRC
                                        </div>
                                    </div>
                                </li>
                                <li class="list-group-item">
                                    <div class="item form-group">
                                        <label class="control-label col-md-3 col-sm-3 col-xs-12" for="secretarioTributacao">
                                            Contato
                                        </label>
```

```

        <div class="col-md-6 col-sm-6 col-xs-12">
            @Model.Contador.NU_TELEFONE
        </div>
    </div>
</li>
</ul>
</div>
<br />
<div class="panel panel-default">
    <!-- Default panel contents -->
    <div class="panel-heading">Contribuintes</div>
    <div class="panel-body">
        <div class="row">
            <div class="col-md-12">
                <ul class="list-group">

                    @{

                        var contribuintes = Model.ContribuinteList.ToList();

                        foreach (var item in contribuintes)
                        {
                            <li class="list-group-item">
                                <label>
                                    @Html.Raw(item.NM_FANTASIA)
                                </label>
                            </li>
                        }
                    }

                </ul>

            </div>
        </div>
    </div>
</div>
<div class="ln_solid"></div>
<div class="form-group">
    <div class="col-md-6">
        <a href="@Url.Action("Index")" class="btn btn-danger">Cancelar</a>
    </div>
</div>
</div>
</div>
</div>
</div>
</div>
</div>

```

```

@section scripts {

```

```

<!--Datatables-->
<script src="~/Content/vendors/datatables.net/js/jquery.dataTables.min.js"></script>
<script src="~/Content/vendors/datatables.net-bs/js/dataTables.bootstrap.min.js"></script>
<script src="~/Content/vendors/datatables.net-buttons/js/dataTables.buttons.min.js"></script>
<script src="~/Content/vendors/datatables.net-buttons-bs/js/buttons.bootstrap.min.js"></script>
<script src="~/Content/vendors/datatables.net-buttons/js/buttons.flash.min.js"></script>
<script src="~/Content/vendors/datatables.net-buttons/js/buttons.html5.min.js"></script>
<script src="~/Content/vendors/datatables.net-buttons/js/buttons.print.min.js"></script>
<script src="~/Content/vendors/datatables.net-fixedheader/js/dataTables.fixedHeader.min.js"></script>
<script src="~/Content/vendors/datatables.net-keytable/js/dataTables.keyTable.min.js"></script>
<script src="~/Content/vendors/datatables.net-responsive/js/dataTables.responsive.min.js"></script>
<script src="~/Content/vendors/datatables.net-responsive-bs/js/responsive.bootstrap.js"></script>
<script src="~/Content/vendors/datatables.net-scroller/js/datatables.scroller.min.js"></script>
<script src="~/Content/vendors/jszip/dist/jszip.min.js"></script>
<script src="~/Content/vendors/pdfmake/build/pdfmake.min.js"></script>
<script src="~/Content/vendors/pdfmake/build/vfs_fonts.js"></script>

}
_ViewStart.cshtml
@{
    Layout = "~/Views/Shared/_Layout.cshtml";
}
siva.api.csproj
<?xml version="1.0" encoding="utf-8"?>
<Project ToolsVersion="14.0" DefaultTargets="Build" xmlns="http://schemas.microsoft.com/developer/msbuild/2003">
  <Import
    Project="$(MSBuildExtensionsPath32)\Microsoft\VisualStudio\v$(VisualStudioVersion)\TypeScript\Microsoft.TypeScript.Default.props"
    Condition="Exists('$(MSBuildExtensionsPath32)\Microsoft\VisualStudio\v$(VisualStudioVersion)\TypeScript\Microsoft.TypeScript.Default.props')" />
  <Import
    Project="..\packages\Microsoft.CodeDom.Providers.DotNetCompilerPlatform.1.0.0\build\Microsoft.CodeDom.Providers.DotNetCompilerPlatform.props"
    Condition="Exists('..\packages\Microsoft.CodeDom.Providers.DotNetCompilerPlatform.1.0.0\build\Microsoft.CodeDom.Providers.DotNetCompilerPlatform.props')" />
  <Import Project="..\packages\Microsoft.Net.Compilers.1.0.0\build\Microsoft.Net.Compilers.props"
    Condition="Exists('..\packages\Microsoft.Net.Compilers.1.0.0\build\Microsoft.Net.Compilers.props')" />
  <Import Project="$(MSBuildExtensionsPath)\$(MSBuildToolsVersion)\Microsoft.Common.props"
    Condition="Exists('$(MSBuildExtensionsPath)\$(MSBuildToolsVersion)\Microsoft.Common.props')" />
  <PropertyGroup>
    <Configuration Condition=" '$(Configuration)' == '' ">Debug</Configuration>
    <Platform Condition=" '$(Platform)' == '' ">AnyCPU</Platform>
    <ProductVersion>
    </ProductVersion>
    <SchemaVersion>2.0</SchemaVersion>
    <ProjectGuid>{5C65B1BF-5B44-4472-B50F-352FC53B7F7C}</ProjectGuid>
    <ProjectTypeGuids>{349c5851-65df-11da-9384-00065b846f21};{fae04ec0-301f-11d3-bf4b-00c04f79efbc}</ProjectTypeGuids>
    <OutputType>Library</OutputType>

```

```

<AppDesignerFolder>Properties</AppDesignerFolder>
<RootNamespace>siva.api</RootNamespace>
<AssemblyName>siva.api</AssemblyName>
<TargetFrameworkVersion>v4.5.2</TargetFrameworkVersion>
<MvcBuildViews>>false</MvcBuildViews>
<UseIISExpress>>true</UseIISExpress>
<IISExpressSSLPort />
<IISExpressAnonymousAuthentication />
<IISExpressWindowsAuthentication />
<IISExpressUseClassicPipelineMode />
<UseGlobalApplicationHostFile />
<NuGetPackageImportStamp>
</NuGetPackageImportStamp>
<TypeScriptToolsVersion>1.8</TypeScriptToolsVersion>
</PropertyGroup>
<PropertyGroup Condition=" '$(Configuration)|$(Platform)' == 'Debug|AnyCPU' ">
  <DebugSymbols>>true</DebugSymbols>
  <DebugType>full</DebugType>
  <Optimize>>false</Optimize>
  <OutputPath>bin\</OutputPath>
  <DefineConstants>DEBUG;TRACE</DefineConstants>
  <ErrorReport>prompt</ErrorReport>
  <WarningLevel>4</WarningLevel>
</PropertyGroup>
<PropertyGroup Condition=" '$(Configuration)|$(Platform)' == 'Release|AnyCPU' ">
  <DebugType>pdbonly</DebugType>
  <Optimize>>true</Optimize>
  <OutputPath>bin\</OutputPath>
  <DefineConstants>TRACE</DefineConstants>
  <ErrorReport>prompt</ErrorReport>
  <WarningLevel>4</WarningLevel>
</PropertyGroup>
<ItemGroup>
  <Reference Include="Microsoft.CodeDom.Providers.DotNetCompilerPlatform, Version=1.0.0.0, Culture=neutral,
PublicKeyToken=31bf3856ad364e35, processorArchitecture=MSIL">
    <HintPath>..\packages\Microsoft.CodeDom.Providers.DotNetCompilerPlatform.1.0.0\lib\net45\Microsoft.CodeDom.Pr
oviders.DotNetCompilerPlatform.dll</HintPath>
    <Private>True</Private>
  </Reference>
  <Reference Include="Microsoft.CSharp" />
  <Reference Include="System" />
  <Reference Include="System.Data" />
  <Reference Include="System.Drawing" />
  <Reference Include="System.Web.Entity" />
  <Reference Include="System.Web.ApplicationServices" />
  <Reference Include="System.ComponentModel.DataAnnotations" />
  <Reference Include="System.Core" />
  <Reference Include="System.Data.DataSetExtensions" />
  <Reference Include="System.Xml.Linq" />
  <Reference Include="System.Web" />
  <Reference Include="System.Web.Abstractions" />

```

```
<Reference Include="System.Web.Routing" />
<Reference Include="System.Xml" />
<Reference Include="System.Configuration" />
<Reference Include="System.Runtime.Serialization" />
<Reference Include="Microsoft.Web.Infrastructure, Version=1.0.0.0, Culture=neutral,
PublicKeyToken=31bf3856ad364e35, processorArchitecture=MSIL">
  <Private>True</Private>
  <HintPath>..\packages\Microsoft.Web.Infrastructure.1.0.0.0\lib\net40\Microsoft.Web.Infrastructure.dll</HintPath>
</Reference>
<Reference Include="Newtonsoft.Json">
  <HintPath>..\packages\Newtonsoft.Json.6.0.4\lib\net45\Newtonsoft.Json.dll</HintPath>
</Reference>
<Reference Include="System.Net.Http">
</Reference>
<Reference Include="System.Net.Http.Formatting, Version=5.2.3.0, Culture=neutral,
PublicKeyToken=31bf3856ad364e35, processorArchitecture=MSIL">
  <HintPath>..\packages\Microsoft.AspNet.WebApi.Client.5.2.3\lib\net45\System.Net.Http.Formatting.dll</HintPath>
</Reference>
<Reference Include="System.Net.Http.WebRequest">
</Reference>
<Reference Include="System.Web.Helpers, Version=3.0.0.0, Culture=neutral,
PublicKeyToken=31bf3856ad364e35, processorArchitecture=MSIL">
  <Private>True</Private>
  <HintPath>..\packages\Microsoft.AspNet.WebPages.3.2.3\lib\net45\System.Web.Helpers.dll</HintPath>
</Reference>
<Reference Include="System.Web.Http, Version=5.2.3.0, Culture=neutral, PublicKeyToken=31bf3856ad364e35,
processorArchitecture=MSIL">
  <HintPath>..\packages\Microsoft.AspNet.WebApi.Core.5.2.3\lib\net45\System.Web.Http.dll</HintPath>
</Reference>
<Reference Include="System.Web.Http.WebHost, Version=5.2.3.0, Culture=neutral,
PublicKeyToken=31bf3856ad364e35, processorArchitecture=MSIL">
  <HintPath>..\packages\Microsoft.AspNet.WebApi.WebHost.5.2.3\lib\net45\System.Web.Http.WebHost.dll</HintPath>
</Reference>
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  <Private>True</Private>
  <HintPath>..\packages\Microsoft.AspNet.Mvc.5.2.3\lib\net45\System.Web.Mvc.dll</HintPath>
</Reference>
<Reference Include="System.Web.Optimization">
  <HintPath>..\packages\Microsoft.AspNet.Web.Optimization.1.1.3\lib\net40\System.Web.Optimization.dll</HintPath>
</Reference>
<Reference Include="System.Web.Razor, Version=3.0.0.0, Culture=neutral, PublicKeyToken=31bf3856ad364e35,
processorArchitecture=MSIL">
  <Private>True</Private>
  <HintPath>..\packages\Microsoft.AspNet.Razor.3.2.3\lib\net45\System.Web.Razor.dll</HintPath>
</Reference>
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PublicKeyToken=31bf3856ad364e35, processorArchitecture=MSIL">
  <Private>True</Private>
  <HintPath>..\packages\Microsoft.AspNet.WebPages.3.2.3\lib\net45\System.Web.WebPages.dll</HintPath>
</Reference>
```

```

    <Reference Include="System.Web.WebPages.Deployment, Version=3.0.0.0, Culture=neutral,
PublicKeyToken=31bf3856ad364e35, processorArchitecture=MSIL">
      <Private>True</Private>
    <HintPath>..\packages\Microsoft.AspNet.WebPages.3.2.3\lib\net45\System.Web.WebPages.Deployment.dll</HintPath>
  </Reference>
  <Reference Include="System.Web.WebPages.Razor, Version=3.0.0.0, Culture=neutral,
PublicKeyToken=31bf3856ad364e35, processorArchitecture=MSIL">
    <Private>True</Private>
    <HintPath>..\packages\Microsoft.AspNet.WebPages.3.2.3\lib\net45\System.Web.WebPages.Razor.dll</HintPath>
  </Reference>
  <Reference Include="WebGrease">
    <Private>True</Private>
    <HintPath>..\packages\WebGrease.1.5.2\lib\WebGrease.dll</HintPath>
  </Reference>
  <Reference Include="Antlr3.Runtime">
    <Private>True</Private>
    <HintPath>..\packages\Antlr.3.4.1.9004\lib\Antlr3.Runtime.dll</HintPath>
  </Reference>
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  <Folder Include="App_Data" />
  <Folder Include="Views\Logout" />
</ItemGroup>
<ItemGroup>
  <Compile Include="App_Start\BundleConfig.cs" />
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  <Compile Include="App_Start\RouteConfig.cs" />
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  <Compile Include="Controllers\DestinatarioCteController.cs" />
  <Compile Include="Controllers\EmitenteCteController.cs" />
  <Compile Include="Controllers\GimController.cs" />
  <Compile Include="Controllers\HomeController.cs" />
  <Compile Include="Controllers\InformativoFiscalController.cs" />
  <Compile Include="Controllers\LoginController.cs" />
  <Compile Include="Controllers\LogoutController.cs" />
  <Compile Include="Controllers\PrefeiturasController.cs" />
  <Compile Include="Controllers\PrincipalController.cs" />
  <Compile Include="Controllers\RemetenteCteController.cs" />
  <Compile Include="Controllers\SessionExpiresAttribute.cs" />
  <Compile Include="Controllers\TomadorExpedidorCteController.cs" />
  <Compile Include="Controllers\TomadorRecebedorCteController.cs" />
  <Compile Include="Controllers\TomadorServicoCteController.cs" />
  <Compile Include="Controllers\UsuarioController.cs" />
  <Compile Include="Controllers\ValuesController.cs" />
  <Compile Include="Filters\SessionExpireAttribute.cs" />
  <Compile Include="Global.asax.cs">
    <DependentUpon>Global.asax</DependentUpon>
  </Compile>

```



```

<Compile Include="Models\ContadorContribuinteViewModel.cs" />
<Compile Include="Models\ContadorViewModel.cs" />
<Compile Include="Models\GIMReferenciaViewModel.cs" />
<Compile Include="Models\InformativoFiscalViewModel.cs" />
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```

[illegible]

```
<Content Include="Content\vendors\bootstrap-progressbar\css\bootstrap-progressbar-3.0.1.css" />
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```

```
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<Content Include="Content\vendors\Chart.js\samples\line.html" />
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<Content Include="Content\vendors\parsleyjs\bower\_components\uuid\bower.json" />  
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<Content Include="Content\vendors\parsleyjs\CNAME" />  
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<Content Include="Content\vendors\parsleyjs\dist\parsley.min.js.map" />  
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<Content Include="Content\vendors\pnotify\COPYING" />  
<Content Include="Content\vendors\pnotify\README.md" />  
<Content Include="Content\vendors\raphael\bower.json" />  
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<Content Include="Content\vendors\requirejs\bower.json" />  
<Content Include="Content\vendors\requirejs\README.md" />  
<Content Include="Content\vendors\select2\LICENSE.md" />  
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<Content Include="Content\vendors\select2\src\scss\mixins\\_gradients.scss" />  
<Content Include="Content\vendors\select2\src\scss\theme\classic\layout.scss" />

```
<Content Include="Content\vendors\select2\src\scss\theme\classic\_defaults.scss" />
<Content Include="Content\vendors\select2\src\scss\theme\classic\_multiple.scss" />
<Content Include="Content\vendors\select2\src\scss\theme\classic\_single.scss" />
<Content Include="Content\vendors\select2\src\scss\theme\default\layout.scss" />
<Content Include="Content\vendors\select2\src\scss\theme\default\_multiple.scss" />
<Content Include="Content\vendors\select2\src\scss\theme\default\_single.scss" />
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<Content Include="Content\vendors\starr\.bower.json" />
<Content Include="Content\vendors\starr\package.json" />
<Content Include="Content\vendors\starr\Gruntfile.coffee" />
<Content Include="Content\vendors\starr\package.json" />
<Content Include="Content\vendors\starr\README.md" />
<Content Include="Content\vendors\starr\src\starr.coffee" />
<Content Include="Content\vendors\starr\src\starr.scss" />
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<Content Include="Content\vendors\switchery\package.json" />
<Content Include="Content\vendors\switchery\CHANGELOG.md" />
<Content Include="Content\vendors\switchery\package.json" />
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<Content Include="Content\vendors\transitionize\package.json" />
<Content Include="Content\vendors\validator\.bower.json" />
<Content Include="Content\vendors\validator\.npmignore" />
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<Content Include="Content\jquery.ketchup.css" />
<None Include="Scripts\jquery-1.10.2.intellisense.js" />
<Content Include="Scripts\jquery-1.10.2.js" />
<Content Include="Scripts\jquery-1.10.2.min.js" />
<Content Include="Scripts\jquery.ketchup.min.js" />
<Content Include="Scripts\jquery.meiomask.js" />
<Content Include="Scripts\modernizr-2.6.2.js" />
<Content Include="Scripts\respond.js" />
<Content Include="Scripts\respond.min.js" />
<Content Include="Web.config" />
<Content Include="Web.Debug.config">
  <DependentUpon>Web.config</DependentUpon>
</Content>
<Content Include="Web.Release.config">
  <DependentUpon>Web.config</DependentUpon>
</Content>
<Content Include="Content\Site.css" />
<Content Include="Scripts\_references.js" />
<Content Include="Views\Web.config" />
<Content Include="Views\_ViewStart.cshtml" />
<Content Include="Views\Home\Index.cshtml" />
```

```

<Content Include="Views\Shared\Error.cshtml" />
<Content Include="Views\Shared\_Layout.cshtml" />
<Content Include="Views\Login\Index.cshtml" />
<Content Include="Views\Principal\Index.cshtml" />
<Content Include="Views\Usuario\Index.cshtml" />
<Content Include="Views\Usuario\AlterarSenha.cshtml" />
<Content Include="Views\Usuario\Novo.cshtml" />
<Content Include="Views\Prefeituras\Index.cshtml" />
<Content Include="Views\Prefeituras\Novo.cshtml" />
<Content Include="Views\Prefeituras\Selecionar.cshtml" />
<Content Include="Views\Usuario\VincularPrefeitura.cshtml" />
<Content Include="Views\Gim\Index.cshtml" />
<Content Include="Views\Contador\Index.cshtml" />
<Content Include="Views\Contador\Novo.cshtml" />
<Content Include="Views\Contador\ExibirContribuinte.cshtml" />
<Content Include="Views\Contador\Selecionar.cshtml" />
<Content Include="Views\Gim\Consultar.cshtml" />
<Content Include="Views\Gim\Emitir.cshtml" />
<Content Include="Views\InformativoFiscal\Index.cshtml" />
<Content Include="Views\InformativoFiscal\Consultar.cshtml" />
<Content Include="Views\InformativoFiscal\Emitir.cshtml" />
<Content Include="Views\RemetenteCte\Index.cshtml" />
<Content Include="Views\DestinatarioCte\Index.cshtml" />
<Content Include="Views\EmitenteCte\Index.cshtml" />
<Content Include="Views\TomadorServicoCte\Index.cshtml" />
<Content Include="Views\TomadorExpedidorCte\Index.cshtml" />
<Content Include="Views\TomadorRecebedorCte\Index.cshtml" />
</ItemGroup>
<ItemGroup>
  <TypeScriptCompile Include="Content\vendors\moment\moment.d.ts" />
</ItemGroup>
<ItemGroup>
  <Content Include="fonts\glyphicons-halflings-regular.woff" />
  <Content Include="fonts\glyphicons-halflings-regular.ttf" />
  <Content Include="fonts\glyphicons-halflings-regular.eot" />
  <Content Include="packages.config" />
  <None Include="Project_Readme.html" />
  <Content Include="Scripts\jquery-1.10.2.min.map" />
</ItemGroup>
<ItemGroup>
  <Service Include="{4A0DDDB5-7A95-4FBF-97CC-616D07737A77}" />
</ItemGroup>
<ItemGroup>
  <ProjectReference Include="..\bl\BLL.csproj">
    <Project>{09b46fd6-19f5-404e-a3e4-9af7e16fcc9e}</Project>
    <Name>BLL</Name>
  </ProjectReference>
  <ProjectReference Include="..\dal\DAL.csproj">
    <Project>{39f1c046-4d47-42e9-9e3b-552d80ac63c7}</Project>
    <Name>DAL</Name>
  </ProjectReference>

```

```

<ProjectReference Include="..\framework\Framework.csproj">
  <Project>{cda58391-12ed-4f44-a5a5-2159727b6a2a}</Project>
  <Name>Framework</Name>
</ProjectReference>
<ProjectReference Include="..\presenter\Dominio.csproj">
  <Project>{0373cb03-5c3d-4246-aa2c-34d66f244ff2}</Project>
  <Name>Dominio</Name>
</ProjectReference>
</ItemGroup>
<PropertyGroup>
  <VisualStudioVersion Condition="'$(VisualStudioVersion)' == ''">10.0</VisualStudioVersion>
  <VSToolsPath Condition="'$(VSToolsPath)' == ''">$(MSBuildExtensionsPath32)\Microsoft\VisualStudio\v$(VisualStudioVersion)\VSToolsPath</VSToolsPath>
</PropertyGroup>
<Import Project="$(MSBuildBinPath)\Microsoft.CSharp.targets" />
<Import
Project="$(MSBuildExtensionsPath32)\Microsoft\VisualStudio\v$(VisualStudioVersion)\TypeScript\Microsoft.TypeScript.targets"
Condition="Exists('$(MSBuildExtensionsPath32)\Microsoft\VisualStudio\v$(VisualStudioVersion)\TypeScript\Microsoft.TypeScript.targets')"/>
  <Import Project="$(VSToolsPath)\WebApplications\Microsoft.WebApplication.targets" Condition="'$(VSToolsPath)' != ''"/>
  <Import
Project="$(MSBuildExtensionsPath32)\Microsoft\VisualStudio\v10.0\WebApplications\Microsoft.WebApplication.targets" Condition="false"/>
  <Target Name="MvcBuildViews" AfterTargets="AfterBuild" Condition="'$(MvcBuildViews)'=='true'">
    <AspNetCompiler VirtualPath="temp" PhysicalPath="$(WebProjectOutputDir)" />
  </Target>
<ProjectExtensions>
  <VisualStudio>
    <FlavorProperties GUID="{349c5851-65df-11da-9384-00065b846f21}">
      <WebProjectProperties>
        <UseIIS>True</UseIIS>
        <AutoAssignPort>True</AutoAssignPort>
        <DevelopmentServerPort>50425</DevelopmentServerPort>
        <DevelopmentServerVPath></DevelopmentServerVPath>
        <IISUrl>http://localhost:50425/</IISUrl>
        <NTLMAuthentication>False</NTLMAuthentication>
        <UseCustomServer>False</UseCustomServer>
        <CustomServerUrl>
        </CustomServerUrl>
        <SaveServerSettingsInUserFile>False</SaveServerSettingsInUserFile>
      </WebProjectProperties>
    </FlavorProperties>
  </VisualStudio>
</ProjectExtensions>
<Target Name="EnsureNuGetPackageBuildImports" BeforeTargets="PrepareForBuild">
  <PropertyGroup>
    <ErrorText>This project references NuGet package(s) that are missing on this computer. Use NuGet Package Restore to download them. For more information, see http://go.microsoft.com/fwlink/?LinkID=322105. The missing file is {0}.</ErrorText>

```

```

</PropertyGroup>
<Error Condition="!Exists('..\packages\Microsoft.Net.Compilers.1.0.0\build\Microsoft.Net.Compilers.props')"
Text="$([System.String]::Format('$(ErrorText)',
'..\packages\Microsoft.Net.Compilers.1.0.0\build\Microsoft.Net.Compilers.props'))" />
<Error
Condition="!Exists('..\packages\Microsoft.CodeDom.Providers.DotNetCompilerPlatform.1.0.0\build\Microsoft.CodeDo
m.Providers.DotNetCompilerPlatform.props')" Text="$([System.String]::Format('$(ErrorText)',
'..\packages\Microsoft.CodeDom.Providers.DotNetCompilerPlatform.1.0.0\build\Microsoft.CodeDom.Providers.DotNet
CompilerPlatform.props'))" />
</Target>
<!-- To modify your build process, add your task inside one of the targets below and uncomment it.
Other similar extension points exist, see Microsoft.Common.targets.
<Target Name="BeforeBuild">
</Target>
<Target Name="AfterBuild">
</Target> -->
</Project>
AssemblyInfo.cs
using System.Reflection;
using System.Runtime.CompilerServices;
using System.Runtime.InteropServices;

// General Information about an assembly is controlled through the following
// set of attributes. Change these attribute values to modify the information
// associated with an assembly.
[assembly: AssemblyTitle("siva.api")]
[assembly: AssemblyDescription("")]
[assembly: AssemblyConfiguration("")]
[assembly: AssemblyCompany("")]
[assembly: AssemblyProduct("siva.api")]
[assembly: AssemblyCopyright("Copyright © 2016")]
[assembly: AssemblyTrademark("")]
[assembly: AssemblyCulture("")]

// Setting ComVisible to false makes the types in this assembly not visible
// to COM components. If you need to access a type in this assembly from
// COM, set the ComVisible attribute to true on that type.
[assembly: ComVisible(false)]

// The following GUID is for the ID of the typelib if this project is exposed to COM
[assembly: Guid("c3a865ac-4fc8-4692-b3f3-d9f1b632474d")]

// Version information for an assembly consists of the following four values:
//
// Major Version
// Minor Version
// Build Number
// Revision
//
// You can specify all the values or you can default the Revision and Build Numbers
// by using the '*' as shown below:

```

```

[assembly: AssemblyVersion("1.0.0.0")]
[assembly: AssemblyFileVersion("1.0.0.0")]
packages.config
<?xml version="1.0" encoding="utf-8"?>
<packages>
  <package id="Antlr" version="3.4.1.9004" targetFramework="net452" />
  <package id="bootstrap" version="3.0.0" targetFramework="net452" />
  <package id="jQuery" version="1.10.2" targetFramework="net452" />
  <package id="Microsoft.AspNet.Mvc" version="5.2.3" targetFramework="net452" />
  <package id="Microsoft.AspNet.Razor" version="3.2.3" targetFramework="net452" />
  <package id="Microsoft.AspNet.Web.Optimization" version="1.1.3" targetFramework="net452" />
  <package id="Microsoft.AspNet.WebApi" version="5.2.3" targetFramework="net452" />
  <package id="Microsoft.AspNet.WebApi.Client" version="5.2.3" targetFramework="net452" />
  <package id="Microsoft.AspNet.WebApi.Core" version="5.2.3" targetFramework="net452" />
  <package id="Microsoft.AspNet.WebApi.HelpPage" version="5.2.3" targetFramework="net452" />
  <package id="Microsoft.AspNet.WebApi.WebHost" version="5.2.3" targetFramework="net452" />
  <package id="Microsoft.AspNet.WebPages" version="3.2.3" targetFramework="net452" />
  <package id="Microsoft.CodeDom.Providers.DotNetCompilerPlatform" version="1.0.0" targetFramework="net452" />
  <package id="Microsoft.Net.Compilers" version="1.0.0" targetFramework="net452" developmentDependency="true" />
/>
  <package id="Microsoft.Web.Infrastructure" version="1.0.0.0" targetFramework="net452" />
  <package id="Modernizr" version="2.6.2" targetFramework="net452" />
  <package id="Newtonsoft.Json" version="6.0.4" targetFramework="net452" />
  <package id="Respond" version="1.2.0" targetFramework="net452" />
  <package id="WebGrease" version="1.5.2" targetFramework="net452" />
</packages>
TemporaryGeneratedFile_E7A71F73-0F8D-4B9B-B56E-8E70B10BC5D3.cs
TemporaryGeneratedFile_5937a670-0e60-4077-877b-f7221da3dda1.cs
TemporaryGeneratedFile_036C0B5B-1481-4323-8D20-8F5ADCB23D92.cs
UsuarioPrefeituraViewModel.cs
using Dominio;
using System.Collections.Generic;

namespace siva.api.Models
{
    public class UsuarioPrefeituraViewModel
    {
        public Usuario Usuario { get; set; }
        public List<Prefeitura> PrefeituraList { get; set; }
        public List<decimal> UsuarioPrefeituraList { get; set; }
    }
}

InformativoFiscalViewModel.cs
using Dominio;
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using static Dominio.Referencia;

namespace siva.api.Models

```

```

{
    public class InformativoFiscalViewModel
    {
        public ReferencialInformativoFiscal Referencia { get; set; }
        public Dominio.InformativoFiscal Informativo { get; set; }
    }
}

```

GIMViewModel.cs

```

using Dominio;
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;

```

namespace siva.api.Models

```

{
    public class GIMViewModel
    {
        public GIM Gim { get; set; }
        public List<GIMDetalhe> GimDetalhe { get; set; }

        public decimal RetornaValorDetalhamentoPorCodigo(decimal codigo)
        {
            var gimDetalhe = GimDetalhe.SingleOrDefault(item => item.CD_DETALHE == codigo);

            if (gimDetalhe != null)
            {
                return gimDetalhe.VL_DETALHE;
            }

            return 0m;
        }
    }
}

```

GIMReferenciaViewModel.cs

```

using Dominio;
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;

```

namespace siva.api.Models

```

{
    public class GIMReferenciaViewModel
    {
        public GIMReferencia Gim { get; set; }
    }
}

```

ContadorViewModel.cs

```

using Dominio;

```

```

namespace siva.api.Models
{
    public class ContadorViewModel
    {
        public Contador Contador { get; set; }
        public bool EnderecoDesnormalizado
        {
            get
            {
                return
                    (string.IsNullOrEmpty(Contador.NU_LOGRADOURO) &&
                     string.IsNullOrEmpty(Contador.NM_COMPLEMENTO) &&
                     string.IsNullOrEmpty(Contador.NU_CEP) &&
                     string.IsNullOrEmpty(Contador.NM_BAIRRO) &&
                     string.IsNullOrEmpty(Contador.NU_TELEFONE) &&
                     string.IsNullOrEmpty(Contador.NM_EMAIL_COMERCIAL));
            }
        }
    }
}

```

ContadorContribuinteViewModel.cs

```

using Dominio;
using System.Collections.Generic;

```

```

namespace siva.api.Models
{
    public class ContadorContribuinteViewModel
    {
        public Contador Contador { get; set; }
        public IEnumerable<Contribuinte> ContribuinteList { get; set; }
    }
}

```

Global.asax.cs

```

using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.Http;
using System.Web.Mvc;
using System.Web.Optimization;
using System.Web.Routing;

```

```

namespace siva.api
{
    public class WebApiApplication : System.Web.HttpApplication
    {
        protected void Application_Start()
        {
            AreaRegistration.RegisterAllAreas();
            GlobalConfiguration.Configure(WebApiConfig.Register);

```



```

        FilterConfig.RegisterGlobalFilters(GlobalFilters.Filters);
        RouteConfig.RegisterRoutes(RouteTable.Routes);
        BundleConfig.RegisterBundles(BundleTable.Bundles);
    }
}
}
Global.asax
<%@ Application Codebehind="Global.asax.cs" Inherits="siva.api.WebApiApplication" Language="C#" %>
SessionExpireAttribute.cs
using System.Web.Mvc;

namespace siva.api.Filters
{
    public class SessionExpireAttribute : ActionFilterAttribute
    {

        public override void OnActionExecuting(ActionExecutingContext filterContext)
        {

            if (filterContext.HttpContext.Session["UsuarioLogado"] == null)
            {

                filterContext.Result = new RedirectResult("~/Login/Index");

                return;
            }

            base.OnActionExecuting(filterContext);
        }

    }
}
ValuesController.cs
using System;
using System.Collections.Generic;
using System.Linq;
using System.Net;
using System.Net.Http;
using System.Web.Http;

namespace siva.api.Controllers
{
    public class ValuesController : ApiController
    {
        // GET api/values
        public IEnumerable<string> Get()
        {
            return new string[] { "value1", "value2" };
        }

        // GET api/values/5

```

```

    public string Get(int id)
    {
        return "value";
    }

    // POST api/values
    public void Post([FromBody]string value)
    {
    }

    // PUT api/values/5
    public void Put(int id, [FromBody]string value)
    {
    }

    // DELETE api/values/5
    public void Delete(int id)
    {
    }
}

UsuarioController.cs
using siva.api.Filters;
using siva.api.Models;
using System;
using System.Web.Mvc;
using System.Linq;
using Dominio;
using System.Collections.Generic;

namespace siva.api.Controllers
{
    public class UsuarioController : BaseController
    {
        private readonly BLL.BLLUsuario bpUsuario;
        private readonly BLL.BLLPrefeitura bpPrefeitura;

        public UsuarioController()
        {
            bpUsuario = new BLL.BLLUsuario();
            bpPrefeitura = new BLL.BLLPrefeitura();
        }

        [SessionExpire]
        public ActionResult Alterar([System.Web.Http.FromBody]Dominio.Usuario usuario)
        {
            try
            {
                bpUsuario.AtualizarSenha(usuario.SENHA, UsuarioLogado.SQ_USUARIO);
            }
        }
    }
}

```

```

        ShowMsg("Senha alterada com sucesso!");

        return RedirectToAction("AlterarSenha");
    }
    catch
    {
        return RedirectToAction("AlterarSenha");
    }
}

```

```

[SessionExpire]
public ActionResult AlterarSenha()
{
    return View(UsuarioLogado);
}

```

```

[SessionExpire]
public ActionResult Index()
{
    try
    {
        var usuarioList = bpUsuario.Listar();

        return View(usuarioList);

    }
    catch (Exception ex)
    {
        throw;
    }
}

```

```

[SessionExpire]
public ActionResult VincularPrefeitura(decimal Id)
{
    try
    {
        var usuarioDb = bpUsuario.Selecionar(Id);
        var prefeiturasDb = bpPrefeitura.Listar().ToList();
        var usuarioPrefeituraDb = bpUsuario.RetornaPrefeiturasPorUsuario(Id).ToList();

        var usuarioPrefeituraViewModel = new UsuarioPrefeituraViewModel()
        {
            Usuario = usuarioDb,
            PrefeituraList = prefeiturasDb,
            UsuarioPrefeituraList = usuarioPrefeituraDb
        };

        return View(usuarioPrefeituraViewModel);
    }
}

```

```

    }
    catch (Exception )
    {

        throw;
    }
}

```

```

[HttpPost]
[SessionExpire]
public JsonResult Vincular(UsuarioPrefeituraViewModel usuarioPrefeituraViewModel)
{
    try
    {
        var usuarioPrefeitura = new UsuarioPrefeitura();

        usuarioPrefeitura.Usuario = usuarioPrefeituraViewModel.Usuario;
        usuarioPrefeitura.PrefeituraList = new List<Prefeitura>();

        foreach (var sqPrefeitura in usuarioPrefeituraViewModel.UsuarioPrefeituraList)
        {
            usuarioPrefeitura.PrefeituraList.Add(new Prefeitura() { SQ_PREFEITURA = sqPrefeitura });
        }

        bpUsuario.VincularPrefeituras(usuarioPrefeitura);

        return Json(new { Result = "Ok" });
    }
    catch (Exception ex)
    {
        throw;
    }
}

```

```

[SessionExpire]
[HttpPost]
public ActionResult Cadastrar([System.Web.Http.FromBody]Dominio.Usuario usuario)
{
    try
    {

        var admin = Convert.ToBoolean(usuario.ADMINISTRADOR);

        usuario.ADMINISTRADOR = admin ? "S" : "N";

        bpUsuario.Incluir(usuario);

        return RedirectToAction("Index");
    }
}

```

```

        catch (Exception ex)
        {
            ShowMsg(ex.Message);
            return RedirectToAction("Novo");
        }
    }
}

```

```

[SessionExpire]
public ActionResult Novo()
{
    return View(UsuarioLogado);
}

```

```

[SessionExpire]
[HttpPost]
public JsonResult Excluir([System.Web.Http.FromBody]Dominio.Usuario usuario)
{
    try
    {
        bpUsuario.Excluir(usuario.SQ_USUARIO);

        return Json(new { result = "ok" });
    }
    catch (Exception ex)
    {
        return Json(new { ex = ex.Message });
    }
}

```

```

}
}
TomadorServicoCteController.cs

```

```

using siva.api.Filters;
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.Mvc;

```

```

namespace siva.api.Controllers
{
    public class TomadorServicoCteController : BaseController
    {
        [SessionExpire]
        public ActionResult Index()
        {
            return View();
        }
    }
}

```

```

TomadorRecebedorCteController.cs

```

```

using siva.api.Filters;
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.Mvc;

namespace siva.api.Controllers
{
    public class TomadorRecebedorCteController : BaseController
    {
        [SessionExpire]
        public ActionResult Index()
        {
            return View();
        }
    }
}

```

TomadorExpedidorCteController.cs

```

using siva.api.Filters;
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.Mvc;

namespace siva.api.Controllers
{
    public class TomadorExpedidorCteController : BaseController
    {
        [SessionExpire]
        public ActionResult Index()
        {
            return View();
        }
    }
}

```

SessionExpiresAttribute.cs

```

using System;

namespace siva.api.Controllers
{
    internal class SessionExpiresAttribute : Attribute
    {
    }
}

```

RemetenteCteController.cs

```

using siva.api.Filters;
using System;
using System.Collections.Generic;
using System.Linq;

```

```

using System.Web;
using System.Web.Mvc;

namespace siva.api.Controllers
{
    public class RemetenteCteController : BaseController
    {
        [SessionExpire]
        public ActionResult Index()
        {
            return View();
        }
    }
}

```

PrincipalController.cs

```

using siva.api.Filters;
using System.Web.Mvc;

namespace siva.api.Controllers
{
    public class PrincipalController : BaseController
    {
        [SessionExpire]
        public ActionResult Index()
        {
            return View(UsuarioLogado);
        }
    }
}

```

PrefeiturasController.cs

```

using siva.api.Filters;
using System;
using System.Web.Mvc;

namespace siva.api.Controllers
{
    public class PrefeiturasController : BaseController
    {

        private readonly BLL.BLLPrefeitura bpPrefeitura;

        public PrefeiturasController()
        {
            bpPrefeitura = new BLL.BLLPrefeitura();
        }

        [SessionExpire]
        public ActionResult Index()
        {
            try
            {

```

```

        var dt = bpPrefeitura.Listar();
        return View(dt);

    }
    catch (Exception ex)
    {
        throw;
    }
}

```

```

[SessionExpire]
public ActionResult Novo()
{
    return View(UsuarioLogado);
}

```

```

[SessionExpire]
public ActionResult Selecionar(decimal Id)
{
    try
    {
        var prefeitura = bpPrefeitura.Selecionar(Id);

        return View(prefeitura);

    }
    catch (Exception ex)
    {
        throw;
    }
}

```

```

[SessionExpire]
public ActionResult Excluir(decimal Id)
{
    try
    {
        bpPrefeitura.Excluir(Id);

        return RedirectToAction("Index");
    }
    catch (Exception ex)
    {
        ShowMsg(ex.Message);

        return RedirectToAction("Index");
    }
}

```



```

[SessionExpire]
[HttpPost]
public ActionResult Registrar([System.Web.Http.FromBody]Dominio.Prefeitura prefeitura)
{
    try
    {

        bpPrefeitura.Incluir(prefeitura);

        return RedirectToAction("Index");
    }
    catch (Exception ex)
    {
        ShowMsg(ex.Message);
        return RedirectToAction("Novo");
    }
}
}

```

LogoutController.cs

```

using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.Mvc;

```

namespace siva.api.Controllers

```

{
    public class LogoutController : Controller
    {
        // GET: Logout
        public ActionResult Index()
        {

            Session.Clear();
            Session.Abandon();

            return RedirectToAction("Index", "Login");
        }
    }
}

```

LoginController.cs

```

using System;
using System.Web.Mvc;

```

namespace siva.api.Controllers

```

{
    public class LoginController : Controller
    {
        private readonly BLL.BLLUsuario bpUsuario;
    }
}

```

```

public LoginController()
{
    this.bpUsuario = new BLL.BLLUsuario();
}

public ActionResult Index()
{
    return View();
}

[HttpPost]
public ActionResult Entrar([System.Web.Http.FromBody]Dominio.Usuario usuario)
{
    try
    {
        var usuarioDb = bpUsuario.EfetuarLogin(usuario.LOGIN, usuario.SENHA);

        if (usuarioDb.SQ_USUARIO > 0)
        {
            Session["UsuarioLogado"] = usuarioDb;
        }

        return RedirectToAction("Index", "Principal");
    }
    catch (Exception ex)
    {
        return RedirectToAction("Index");
    }
}
}

```

InformativoFiscalController.cs

```

using siva.api.Filters;
using siva.api.Models;
using System;
using System.Collections;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.Mvc;

```

namespace siva.api.Controllers

```

{
    public class InformativoFiscalController : BaseController
    {

        private readonly BLL.BLLInformativoFiscal bplInformativoFiscal;

        public InformativoFiscalController()
        {
            bplInformativoFiscal = new BLL.BLLInformativoFiscal();

```

```
}
```

```
[SessionExpire]
public ActionResult Index()
{
    return View();
}
```

```
[SessionExpire]
public JsonResult PreencherReferencia(string ie)
{
    try
    {
        var referenciasList = bpInformativoFiscal.RetornarReferenciaPorInscricao(ie);

        var lista = new ArrayList();

        foreach (var item in referenciasList)
        {
            lista.Add(new { id = item.NU_REFERENCIA, text = item.NU_REFERENCIA });
        }

        return Json(new { result = "ok", referenciasList = lista });
    }
    catch (Exception ex)
    {
        return Json(new { ex = ex.Message });
    }
}
```

```
[SessionExpire]
public ActionResult Consultar(string ie, decimal? referencia)
{
    try
    {
        var gimList = bpInformativoFiscal.RetornaInformativoFiscalPorInscricaoReferencia(ie, referencia);

        var lista = new List<InformativoFiscalViewModel>();

        foreach (var item in gimList)
        {
            lista.Add(new InformativoFiscalViewModel() { Referencia = item });
        }

        return View(lista);
    }
    catch
    {
        throw;
    }
}
```

```

[SessionExpire]
public ActionResult Emitir(string ie, decimal referencia)
{
    try
    {
        var informativo = bplInformativoFiscal.RetornaInformativoFiscal(ie, referencia);

        var informativoViewModel = new InformativoFiscalViewModel()
        {
            Informativo = informativo
        };

        return View(informativoViewModel);

    }
    catch
    {

        throw;
    }
}

```

```

}
}
HomeController.cs
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.Mvc;

namespace siva.api.Controllers
{
    public class HomeController : Controller
    {
        public ActionResult Index()
        {
            ViewBag.Title = "Home Page";

            return View();
        }
    }
}

```

```

GimController.cs
using System;
using System.Web.Mvc;
using siva.api.Filters;
using System.Collections;
using System.Collections.Generic;
using System.Linq;

```

```
using siva.api.Models;
```

```
namespace siva.api.Controllers
```

```
{  
    public class GimController : BaseController  
    {  
        private readonly BLL.BLLGim bpGim;  
  
        public GimController()  
        {  
            bpGim = new BLL.BLLGim();  
        }  
  
        [SessionExpire]  
        public ActionResult Index()  
        {  
            return View();  
        }  
  
        [SessionExpire]  
        public JsonResult PreencherReferencia(string ie)  
        {  
            try  
            {  
                var referenciasList = bpGim.RetornarReferenciaPorInscricao(ie);  
  
                var lista = new ArrayList();  
  
                foreach (var item in referenciasList)  
                {  
                    lista.Add(new { id = item.NU_REFERENCIA, text = item.NU_REFERENCIA });  
                }  
  
                return Json(new { result = "ok", referenciasList = lista });  
            }  
            catch (Exception ex)  
            {  
                return Json(new { ex = ex.Message });  
            }  
        }  
  
        [SessionExpire]  
        public ActionResult Consultar(string ie, decimal? referencia)  
        {  
            try  
            {  
                var gimList = bpGim.RetornaGIMPorInscricaoReferencia(ie, referencia);  
  
                var lista = new List<GIMReferenciaViewModel>();  
  
                foreach (var item in gimList)
```

```

    {
        lista.Add(new GIMReferenciaViewModel() { Gim = item });
    }

    return View(lista);

```

```

    }
    catch
    {
        throw;
    }
}

```

[SessionExpire]

public ActionResult Emitir(string ie, decimal referencia)

```

{
    try
    {
        var gim = bpGim.RetornaConsultaGuiaMensal(ie, referencia);
        var detalhe = bpGim.RetornaConsultaGuiaMensalDetalhe(ie, referencia).ToList();

        var gimviewModel = new GIMViewModel()
        {
            Gim = gim,
            GimDetalhe = detalhe
        };

        return View(gimviewModel);

    }
    catch
    {

        throw;
    }
}

```

```

}

```

```

}

```

EmitenteCteController.cs

```

using siva.api.Filters;
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.Mvc;

```

namespace siva.api.Controllers

```

{
    public class EmitenteCteController : BaseController

```

```

{
    [SessionExpire]
    public ActionResult Index()
    {
        return View();
    }
}
}

DestinatarioCteController.cs
using siva.api.Filters;
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.Mvc;

namespace siva.api.Controllers
{
    public class DestinatarioCteController : BaseController
    {
        [SessionExpire]
        public ActionResult Index()
        {
            return View();
        }
    }
}

ContadorController.cs
using System;
using System.Web.Mvc;
using siva.api.Filters;
using siva.api.Models;

namespace siva.api.Controllers
{
    public class ContadorController : BaseController
    {

        private readonly BLL.BLLContador bpContador;

        public ContadorController()
        {
            bpContador = new BLL.BLLContador();
        }

        [SessionExpire]
        public ActionResult Index()
        {
            try
            {
                var contadorList = bpContador.Listar();
            }
        }
    }
}

```

```

        return View(contadorList);

    }
    catch
    {
        throw;
    }
}

```

```

[SessionExpire]
public ActionResult Selecionar(decimal Id)
{
    try
    {
        var contadorDb = bpContador.Selecionar(Id);

        var contadorViewModel = new ContadorViewModel()
        {
            Contador = contadorDb
        };

        return View(contadorViewModel);

    }
    catch
    {
        throw;
    }
}

```

```

[SessionExpire]
public ActionResult Novo()
{
    return View(UsuarioLogado);
}

```

```

[SessionExpire]
[HttpPost]
public ActionResult Cadastrar([System.Web.Http.FromBody]Dominio.Contador contador)
{
    try
    {

        bpContador.Incluir(contador);

        return RedirectToAction("Index");
    }
    catch (Exception ex)
    {

```



```

        ShowMsg(ex.Message);
        return RedirectToAction("Novo");
    }
}

```

```

[SessionExpire]
[HttpPost]
public JsonResult Excluir([System.Web.Http.FromBody]Dominio.Contador contador)
{
    try
    {
        bpContador.Excluir(contador.SQ_CONTADOR);

        return Json(new { result = "ok" });
    }
    catch (Exception ex)
    {
        return Json(new { ex = ex.Message });
    }
}

```

```

[SessionExpire]
public ActionResult ExibirContribuinte(decimal Id)
{
    try
    {
        var contadorDb = bpContador.Selecionar(Id);
        var contadorContribuinteListDb = bpContador.RetornaContribuintePorContador(Id);

        var contadorContribuinteViewModel = new ContadorContribuinteViewModel()
        {
            Contador = contadorDb,
            ContribuinteList = contadorContribuinteListDb
        };

        return View(contadorContribuinteViewModel);
    }
    catch (Exception)
    {
        throw;
    }
}

```

```

}

BaseController.cs
using System;
using System.Collections.Generic;

```

```

using System.Web;
using System.Web.Http;
using System.Web.Mvc;
using System.Web.Routing;

namespace siva.api.Controllers
{
    public class BaseController : Controller
    {
        public Dominio.Usuario UsuarioLogado
        {
            get
            {
                if (Session["UsuarioLogado"] != null)
                {
                    return Session["UsuarioLogado"] as Dominio.Usuario;
                }

                return null;
            }
            set
            {
                Session["UsuarioLogado"] = value;
            }
        }

        public bool UsuarioAutenticado
        {
            get
            {
                return UsuarioLogado != null;
            }
        }

        public void ShowMsg(string mensagem)
        {
            mensagem = HttpUtility.JavaScriptStringEncode(mensagem);

            TempData["msg"] = string.Format("alert('{0}');", mensagem);
        }
    }
}

siva.api.dll.config
<?xml version="1.0" encoding="utf-8"?>
<!--

```

For more information on how to configure your ASP.NET application, please visit

<http://go.microsoft.com/fwlink/?LinkId=301879>

-->

```
<configuration>
  <appSettings>
    <add key="webpages:Version" value="3.0.0.0" />
    <add key="webpages:Enabled" value="false" />
    <add key="ClientValidationEnabled" value="true" />
    <add key="UnobtrusiveJavaScriptEnabled" value="true" />
  </appSettings>
  <system.web>
    <compilation debug="true" targetFramework="4.5.2" />
    <httpRuntime targetFramework="4.5.2" />
  </system.web>
  <system.webServer>
    <handlers>
      <remove name="ExtensionlessUrlHandler-Integrated-4.0" />
      <remove name="OPTIONSVerbHandler" />
      <remove name="TRACEVerbHandler" />
      <add name="ExtensionlessUrlHandler-Integrated-4.0" path="*.?" verb="*"
type="System.Web.Handlers.TransferRequestHandler" preCondition="integratedMode,runtimeVersionv4.0" />
    </handlers>
  </system.webServer>
  <runtime>
    <assemblyBinding xmlns="urn:schemas-microsoft-com:asm.v1">
      <dependentAssembly>
        <assemblyIdentity name="Newtonsoft.Json" culture="neutral" publicKeyToken="30ad4fe6b2a6aeed" />
        <bindingRedirect oldVersion="0.0.0.0-6.0.0.0" newVersion="6.0.0.0" />
      </dependentAssembly>
      <dependentAssembly>
        <assemblyIdentity name="System.Web.Optimization" publicKeyToken="31bf3856ad364e35" />
        <bindingRedirect oldVersion="1.0.0.0-1.1.0.0" newVersion="1.1.0.0" />
      </dependentAssembly>
      <dependentAssembly>
        <assemblyIdentity name="WebGrease" publicKeyToken="31bf3856ad364e35" />
        <bindingRedirect oldVersion="0.0.0.0-1.5.2.14234" newVersion="1.5.2.14234" />
      </dependentAssembly>
      <dependentAssembly>
        <assemblyIdentity name="System.Web.Helpers" publicKeyToken="31bf3856ad364e35" />
        <bindingRedirect oldVersion="1.0.0.0-3.0.0.0" newVersion="3.0.0.0" />
      </dependentAssembly>
      <dependentAssembly>
        <assemblyIdentity name="System.Web.WebPages" publicKeyToken="31bf3856ad364e35" />
        <bindingRedirect oldVersion="1.0.0.0-3.0.0.0" newVersion="3.0.0.0" />
      </dependentAssembly>
      <dependentAssembly>
        <assemblyIdentity name="System.Web.Mvc" publicKeyToken="31bf3856ad364e35" />
        <bindingRedirect oldVersion="1.0.0.0-5.2.3.0" newVersion="5.2.3.0" />
      </dependentAssembly>
    </assemblyBinding>
  </runtime>
```

```

<system.codedom>
  <compilers>
    <compiler language="c#;cs;csharp" extension=".cs"
type="Microsoft.CodeDom.Providers.DotNetCompilerPlatform.CSharpCodeProvider,
Microsoft.CodeDom.Providers.DotNetCompilerPlatform, Version=1.0.0.0, Culture=neutral,
PublicKeyToken=31bf3856ad364e35" warningLevel="4" compilerOptions="/langversion:6 /nowarn:1659;1699;1701"
/>
    <compiler language="vb;vbs;visualbasic;vbscript" extension=".vb"
type="Microsoft.CodeDom.Providers.DotNetCompilerPlatform.VBCodeProvider,
Microsoft.CodeDom.Providers.DotNetCompilerPlatform, Version=1.0.0.0, Culture=neutral,
PublicKeyToken=31bf3856ad364e35" warningLevel="4" compilerOptions="/langversion:14 /nowarn:41008
/define:_MYTYPE=\&quot;Web\&quot; /optionInfer+" />
  </compilers>
</system.codedom>
</configuration>
VBCSCompiler.exe.config
<?xml version="1.0" encoding="utf-8" ?>
<!-- Copyright (c) Microsoft. All Rights Reserved. Licensed under the Apache License, Version 2.0. See License.txt
in the project root for license information. -->

```

```

<configuration>
  <runtime>
    <gcServer enabled="true"/>
    <gcConcurrent enabled="false"/>
  </runtime>
  <appSettings>
    <!-- Number of seconds with no activity before the server times out and closes.
    Set to -1 to never shut down the server. -->
    <add key="keepalive" value="600"/>
  </appSettings>
</configuration>

```

WebApiConfig.cs

```

using Newtonsoft.Json;
using System;
using System.Collections.Generic;
using System.Linq;
using System.Net.Http.Formatting;
using System.Net.Http.Headers;
using System.Web.Http;

```

namespace siva.api

```

{
    public static class WebApiConfig
    {
        public static void Register(HttpConfiguration config)
        {
            config.MapHttpAttributeRoutes();

            config.Routes.MapHttpRoute(
                name: "DefaultApi",
                routeTemplate: "api/{controller}/{id}",

```

```

        defaults: new { id = RouteParameter.Optional }
    );

    var xml = config.Formatters.XmlFormatter.SupportedMediaTypes.FirstOrDefault(t => t.MediaType ==
"application/xml");

    config.Formatters.XmlFormatter.SupportedMediaTypes.Remove(xml);
    config.Formatters.Add(new BrowserJsonFormatter());

}
}

public class BrowserJsonFormatter : JsonMediaTypeFormatter
{
    public BrowserJsonFormatter()
    {
        this.SupportedMediaTypes.Add(new MediaTypeHeaderValue("text/html"));
        this.SerializerSettings.Formatting = Formatting.Indented;
    }

    public override void SetDefaultContentHeaders(Type type, HttpContentHeaders headers,
MediaTypeHeaderValue mediaType)
    {
        base.SetDefaultContentHeaders(type, headers, mediaType);
        headers.ContentType = new MediaTypeHeaderValue("application/json");
    }
}
}

RouteConfig.cs
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.Mvc;
using System.Web.Routing;

namespace siva.api
{
    public class RouteConfig
    {
        public static void RegisterRoutes(RouteCollection routes)
        {
            routes.IgnoreRoute("{resource}.axd/{*pathInfo}");

            routes.MapRoute(
                name: "Default",
                url: "{controller}/{action}/{id}",
                defaults: new { controller = "Login", action = "Index", id = UrlParameter.Optional }
            );
        }
    }
}

```

```

}
FilterConfig.cs
using System.Web;
using System.Web.Mvc;

namespace siva.api
{
    public class FilterConfig
    {
        public static void RegisterGlobalFilters(GlobalFilterCollection filters)
        {
            filters.Add(new HandleErrorAttribute());
        }
    }
}

```

```

BundleConfig.cs
using System.Web;
using System.Web.Optimization;

namespace siva.api
{
    public class BundleConfig
    {
        // For more information on bundling, visit http://go.microsoft.com/fwlink/?LinkId=301862
        public static void RegisterBundles(BundleCollection bundles)
        {
            bundles.Add(new ScriptBundle("~/bundles/jquery").Include(
                "~/Scripts/jquery-{version}.js"));

            // Use the development version of Modernizr to develop with and learn from. Then, when you're
            // ready for production, use the build tool at http://modernizr.com to pick only the tests you need.
            bundles.Add(new ScriptBundle("~/bundles/modernizr").Include(
                "~/Scripts/modernizr-*"));

            bundles.Add(new ScriptBundle("~/bundles/bootstrap").Include(
                "~/Scripts/bootstrap.js",
                "~/Scripts/respond.js"));

            bundles.Add(new StyleBundle("~/Content/css").Include(
                "~/Content/bootstrap.css",
                "~/Content/site.css"));
        }
    }
}

```

```

Registro.csproj
<?xml version="1.0" encoding="utf-8"?>
<Project ToolsVersion="14.0" DefaultTargets="Build" xmlns="http://schemas.microsoft.com/developer/msbuild/2003">
  <Import Project="$(MSBuildExtensionsPath)\$(MSBuildToolsVersion)\Microsoft.Common.props"
    Condition="Exists('$(MSBuildExtensionsPath)\$(MSBuildToolsVersion)\Microsoft.Common.props')"/>
  <PropertyGroup>
    <Configuration Condition=" '$(Configuration)' == '' ">Debug</Configuration>

```

```

<Platform Condition=" '$(Platform)' == " ">AnyCPU</Platform>
<ProjectGuid>{52D39B16-F053-4FEB-9F85-D0914978A4A9}</ProjectGuid>
<OutputType>Exe</OutputType>
<AppDesignerFolder>Properties</AppDesignerFolder>
<RootNamespace>Registro</RootNamespace>
<AssemblyName>Registro</AssemblyName>
<TargetFrameworkVersion>v4.5.2</TargetFrameworkVersion>
<FileAlignment>512</FileAlignment>
<AutoGenerateBindingRedirects>true</AutoGenerateBindingRedirects>
</PropertyGroup>
<PropertyGroup Condition=" '$(Configuration)|$(Platform)' == 'Debug|AnyCPU' ">
  <PlatformTarget>AnyCPU</PlatformTarget>
  <DebugSymbols>true</DebugSymbols>
  <DebugType>full</DebugType>
  <Optimize>false</Optimize>
  <OutputPath>bin\Debug\</OutputPath>
  <DefineConstants>DEBUG;TRACE</DefineConstants>
  <ErrorReport>prompt</ErrorReport>
  <WarningLevel>4</WarningLevel>
</PropertyGroup>
<PropertyGroup Condition=" '$(Configuration)|$(Platform)' == 'Release|AnyCPU' ">
  <PlatformTarget>AnyCPU</PlatformTarget>
  <DebugType>pdbonly</DebugType>
  <Optimize>true</Optimize>
  <OutputPath>bin\Release\</OutputPath>
  <DefineConstants>TRACE</DefineConstants>
  <ErrorReport>prompt</ErrorReport>
  <WarningLevel>4</WarningLevel>
</PropertyGroup>
<ItemGroup>
  <Reference Include="itextsharp, Version=5.5.10.0, Culture=neutral, PublicKeyToken=8354ae6d2174ddca,
processorArchitecture=MSIL">
    <HintPath>..\packages\iTextSharp.5.5.10\lib\itextsharp.dll</HintPath>
    <Private>True</Private>
  </Reference>
  <Reference Include="System" />
  <Reference Include="System.Core" />
  <Reference Include="System.Xml.Linq" />
  <Reference Include="System.Data.DataSetExtensions" />
  <Reference Include="Microsoft.CSharp" />
  <Reference Include="System.Data" />
  <Reference Include="System.Net.Http" />
  <Reference Include="System.Xml" />
</ItemGroup>
<ItemGroup>
  <Compile Include="DirectoryHelper.cs" />
  <Compile Include="PdfCreator.cs" />
  <Compile Include="Program.cs" />
  <Compile Include="Properties\AssemblyInfo.cs" />
</ItemGroup>
<ItemGroup>

```

```

    <None Include="App.config" />
    <None Include="packages.config" />
</ItemGroup>
<Import Project="$(MSBuildToolsPath)\Microsoft.CSharp.targets" />
<!-- To modify your build process, add your task inside one of the targets below and uncomment it.
     Other similar extension points exist, see Microsoft.Common.targets.
<Target Name="BeforeBuild">
</Target>
<Target Name="AfterBuild">
</Target>
-->
</Project>

```

```

AssemblyInfo.cs
using System.Reflection;
using System.Runtime.CompilerServices;
using System.Runtime.InteropServices;

```

```

// General Information about an assembly is controlled through the following
// set of attributes. Change these attribute values to modify the information
// associated with an assembly.
[assembly: AssemblyTitle("Registro")]
[assembly: AssemblyDescription("")]
[assembly: AssemblyConfiguration("")]
[assembly: AssemblyCompany("")]
[assembly: AssemblyProduct("Registro")]
[assembly: AssemblyCopyright("Copyright © 2017")]
[assembly: AssemblyTrademark("")]
[assembly: AssemblyCulture("")]

```

```

// Setting ComVisible to false makes the types in this assembly not visible
// to COM components. If you need to access a type in this assembly from
// COM, set the ComVisible attribute to true on that type.
[assembly: ComVisible(false)]

```

```

// The following GUID is for the ID of the typelib if this project is exposed to COM
[assembly: Guid("52d39b16-f053-4feb-9f85-d0914978a4a9")]

```

```

// Version information for an assembly consists of the following four values:
//

```

```

//  Major Version
//  Minor Version
//  Build Number
//  Revision
//

```

```

// You can specify all the values or you can default the Build and Revision Numbers
// by using the '*' as shown below:

```

```

// [assembly: AssemblyVersion("1.0.*")]
[assembly: AssemblyVersion("1.0.0.0")]
[assembly: AssemblyFileVersion("1.0.0.0")]

```

```

Program.cs
using System;

```



```

using System.Collections.Generic;
using System.Linq;
using System.Text;
using System.Threading.Tasks;

namespace Registro
{
    class Program
    {
        static void Main(string[] args)
        {
            Console.WriteLine("Aplicativo Registro Software");

            var arquivos = DirectoryHelper.GetFiles(@"C:\inetpub\wwwroot\projetos_git\siva\siva\slSiva",
@"^.*\.(cs|cshtml|config|aspx|csproj|pc)$", System.IO.SearchOption.AllDirectories);

            var quantidade = arquivos.Count();

            Console.WriteLine(string.Format("Quantidade de Arquivos Encontrados : {0}", quantidade.ToString()));

            var pdf = PdfCreator.GetInstance;

            foreach (var arquivo in arquivos)
            {
                Console.WriteLine(string.Format("[{0}] PROCESSANDO ARQUIVO {1}", quantidade, arquivo));

                pdf.Arquivo = arquivo;

                if (pdf.Adicionar())
                {
                    quantidade--;
                    continue;
                }
            }

            pdf.Concluir();
            pdf.Imprimir();

            Console.WriteLine("Processo de Registro Concluído!");

            Console.ReadKey();
        }
    }
}

PdfCreator.cs
using iTextSharp.text;
using iTextSharp.text.pdf;
using System;
using System.Collections.Generic;
using System.IO;
using System.Linq;

```

```

using System.Text;
using System.Threading.Tasks;

namespace Registro
{
    public class PdfCreator
    {
        private static PdfCreator pdfCreator;
        private PdfWriter pdfWriter;
        public string Arquivo { get; set; }
        public Document Document { get; private set; }
        public StreamReader Reader { get; set; }
        private string diretorio = Environment.CurrentDirectory;

        private PdfCreator()
        {
            Document = new Document();
        }

        public static PdfCreator GetInstance
        {
            get
            {
                if (pdfCreator == null)
                {
                    pdfCreator = new PdfCreator();
                }

                return pdfCreator;
            }
        }

        public bool Adicionar()
        {
            Reader = new StreamReader(Arquivo);

            if (pdfWriter == null)
            {
                pdfWriter = PdfWriter.GetInstance(Document, new
FileStream(string.Format(@"{0}\documento_registro.pdf", diretorio), FileMode.Create));
            }

            var fonte = FontFactory.GetFont("Arial", 10, Font.NORMAL);
            var fileInfo = new FileInfo(Arquivo);

            if (!Document.IsOpen())
            {
                Document.Open();
            }
        }
    }
}

```

```

        Document.Add(new Paragraph(fileInfo.Name, fonte));
        Document.Add(new Paragraph(Reader.ReadToEnd(), fonte));

        return true;
    }

    public void Concluir()
    {
        Document.Close();
    }

    public void Imprimir()
    {
        System.Diagnostics.Process.Start(diretorio);
    }
}

packages.config
<?xml version="1.0" encoding="utf-8"?>
<packages>
    <package id="iTextSharp" version="5.5.10" targetFramework="net452" />
</packages>
TemporaryGeneratedFile_E7A71F73-0F8D-4B9B-B56E-8E70B10BC5D3.cs
TemporaryGeneratedFile_5937a670-0e60-4077-877b-f7221da3dda1.cs
TemporaryGeneratedFile_036C0B5B-1481-4323-8D20-8F5ADCB23D92.cs
DirectoryHelper.cs
using System;
using System.Collections.Generic;
using System.IO;
using System.Linq;
using System.Text;
using System.Text.RegularExpressions;
using System.Threading.Tasks;

namespace Registro
{
    public static class DirectoryHelper
    {
        public static IEnumerable<string> GetFiles(string path,
            string searchPatternExpression = "",
            SearchOption searchOption = SearchOption.TopDirectoryOnly)
        {
            Regex reSearchPattern = new Regex(searchPatternExpression, RegexOptions.IgnoreCase);
            return Directory.EnumerateFiles(path, "*", searchOption)
                .Where(file =>
                    reSearchPattern.IsMatch(Path.GetExtension(file))).OrderByDescending(item => item);
        }

        public static IEnumerable<string> GetFiles(string path, string[] searchPatterns, SearchOption searchOption =
            SearchOption.TopDirectoryOnly)
        {

```

```

        return searchPatterns.AsParallel()
            .SelectMany(searchPattern =>
                Directory.EnumerateFiles(path, searchPattern, searchOption)).OrderByDescending(item => item);
    }
}

```

Registro.vshost.exe.config

```

<?xml version="1.0" encoding="utf-8" ?>
<configuration>
  <startup>
    <supportedRuntime version="v4.0" sku=".NETFramework,Version=v4.5.2" />
  </startup>
</configuration>

```

Registro.exe.config

```

<?xml version="1.0" encoding="utf-8" ?>
<configuration>
  <startup>
    <supportedRuntime version="v4.0" sku=".NETFramework,Version=v4.5.2" />
  </startup>
</configuration>

```

App.config

```

<?xml version="1.0" encoding="utf-8" ?>
<configuration>
  <startup>
    <supportedRuntime version="v4.0" sku=".NETFramework,Version=v4.5.2" />
  </startup>
</configuration>

```

UsuarioPrefeitura.cs

```

using System.Collections.Generic;

```

```

namespace Dominio

```

```

{
    public class UsuarioPrefeitura
    {
        public Usuario Usuario { get; set; }
        public List<Prefeitura> PrefeituraList { get; set; }

    }
}

```

Usuario.cs

```

using System;

```

```

namespace Dominio

```

```

{
    public class Usuario
    {
        public decimal SQ_USUARIO { get; set; }
        public string NM_USUARIO { get; set; }
        public string LOGIN { get; set; }
        public string SENHA { get; set; }
        public DateTime DT_INCLUSAO { get; set; }
    }
}

```

```

        public string NM_USUARIO_INCLUSAO { get; set; }
        public DateTime DT_ALTERACAO { get; set; }
        public string NM_USUARIO_ALTERACAO { get; set; }
        public string ADMINISTRADOR { get; set; }

        public string EhAdministrador
        {
            get
            {
                return ADMINISTRADOR == "S" ? "Sim" : "Não";
            }
        }
    }
}

```

ReferencialInformativoFiscal.cs

```

using System;
using System.Collections.Generic;
using System.Linq;
using System.Text;
using System.Threading.Tasks;

namespace Dominio
{
    public class ReferencialInformativoFiscal
    {
        public decimal CD_INFORMATIVO { get; set; }
        public string NU_REFERENCIA { get; set; }
        public DateTime DT_ENVIO { get; set; }
        public string NU_INSCRICAO_ESTADUAL { get; set; }
        public string NU_CNPJ_CPF { get; set; }
        public string NM_RAZAO_SOCIAL { get; set; }
        public string NM_FANTASIA { get; set; }
    }
}

```

Referencia.cs

```

using System;
using System.Collections.Generic;
using System.Linq;
using System.Text;
using System.Threading.Tasks;

namespace Dominio
{
    public class Referencia
    {
        public class GIM
        {
            public decimal CD_GUIA { get; set; }
            public string NU_REFERENCIA { get; set; }
        }
    }
}

```

```

        public string DT_RECEPCAO { get; set; }
    }

    public class InformativoFiscal
    {
        public decimal CD_INFORMATIVO { get; set; }
        public string CD_INFORMATICO_REP { get; set; }
        public string NU_REFERENCIA { get; set; }
        public string DT_ENVIO { get; set; }
    }
}
}
AssemblyInfo.cs
using System.Reflection;
using System.Runtime.CompilerServices;
using System.Runtime.InteropServices;

// General Information about an assembly is controlled through the following
// set of attributes. Change these attribute values to modify the information
// associated with an assembly.
[assembly: AssemblyTitle("presenter")]
[assembly: AssemblyDescription("")]
[assembly: AssemblyConfiguration("")]
[assembly: AssemblyCompany("")]
[assembly: AssemblyProduct("presenter")]
[assembly: AssemblyCopyright("Copyright © 2016")]
[assembly: AssemblyTrademark("")]
[assembly: AssemblyCulture("")]

// Setting ComVisible to false makes the types in this assembly not visible
// to COM components. If you need to access a type in this assembly from
// COM, set the ComVisible attribute to true on that type.
[assembly: ComVisible(false)]

// The following GUID is for the ID of the typelib if this project is exposed to COM
[assembly: Guid("0373cb03-5c3d-4246-aa2c-34d66f244ff2")]

// Version information for an assembly consists of the following four values:
//
//      Major Version
//      Minor Version
//      Build Number
//      Revision
//
// You can specify all the values or you can default the Build and Revision Numbers
// by using the '*' as shown below:
// [assembly: AssemblyVersion("1.0.*")]
[assembly: AssemblyVersion("1.0.0.0")]
[assembly: AssemblyFileVersion("1.0.0.0")]
Prefeitura.cs
using System;

```

namespace Dominio

```
{
    public class Prefeitura
    {
        public decimal SQ_PREFEITURA { get; set; }
        public string NM_PREFEITURA { get; set; }
        public string NM_PREFEITO { get; set; }
        public string NM_SEC_TRIBUTACAO { get; set; }
        public string NM_CONTADOR { get; set; }
        public string NM_LOGRADOURO { get; set; }
        public string NU_NUMERO { get; set; }
        public string TX_COMPLEMENTO { get; set; }
        public string TX_CONTATO { get; set; }
        public DateTime DT_INCLUSAO { get; set; }
        public string NM_USUARIO_INCLUSAO { get; set; }
        public DateTime DT_ALTERACAO { get; set; }
        public string NM_USUARIO_ALTERACAO { get; set; }
        public decimal NU_HABITANTES { get; set; }
        public decimal QT_EXTENSAO_TERRITORIAL { get; set; }

    }
}
```

TemporaryGeneratedFile\_E7A71F73-0F8D-4B9B-B56E-8E70B10BC5D3.cs

TemporaryGeneratedFile\_5937a670-0e60-4077-877b-f7221da3dda1.cs

TemporaryGeneratedFile\_036C0B5B-1481-4323-8D20-8F5ADCB23D92.cs

InformativoFiscal.cs

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace Dominio

```
{
    public class InformativoFiscal
    {
        public decimal CD_INFORMATIVO { get; set; }
        public string NU_REFERENCIA { get; set; }
        public DateTime DT_ENVIO { get; set; }
        public string NU_INSCRICAO_ESTADUAL { get; set; }
        public string NU_CNPJ_CPF { get; set; }
        public string NM_RAZAO_SOCIAL { get; set; }
        public string NM_FANTASIA { get; set; }
        public string NM_LOGRADOURO { get; set; }
        public string NU_LOGRADOURO { get; set; }
        public string NM_COMPLEMENTO { get; set; }
        public string NU_CEP { get; set; }
        public string NM_BAIRRO { get; set; }
        public string NM_MUNICIPIO_RFB { get; set; }
        public string SG_UF_MUNICIPIO1 { get; set; }
    }
}
```

```

        public string CD_INFORMATICO_REP { get; set; }
        public decimal CAMPO_0111 { get; set; }
        public decimal CAMPO_0112 { get; set; }
        public decimal CAMPO_0121 { get; set; }
        public decimal CAMPO_0122 { get; set; }
        public decimal CAMPO_0211 { get; set; }
        public decimal CAMPO_0212 { get; set; }
        public decimal CAMPO_0221 { get; set; }
        public decimal CAMPO_0222 { get; set; }
        public decimal CAMPO_03 { get; set; }
        public decimal CAMPO_04 { get; set; }
        public decimal CAMPO_05 { get; set; }
        public decimal CAMPO_06 { get; set; }
        public decimal CAMPO_07 { get; set; }
        public decimal CAMPO_08 { get; set; }
        public decimal CAMPO_09 { get; set; }
        public decimal CAMPO_10 { get; set; }
        public decimal CAMPO_11 { get; set; }
        public decimal CAMPO_12 { get; set; }
        public decimal CAMPO_13 { get; set; }
        public decimal CAMPO_14 { get; set; }
        public decimal CAMPO_151 { get; set; }
        public decimal CAMPO_152 { get; set; }
        public decimal CAMPO_153 { get; set; }
        public decimal CAMPO_161 { get; set; }
        public decimal CAMPO_162 { get; set; }
        public decimal CAMPO_163 { get; set; }
        public decimal CAMPO_171 { get; set; }
        public decimal CAMPO_172 { get; set; }
        public decimal CAMPO_173 { get; set; }
        public decimal CAMPO_174 { get; set; }

    }
}
GIMReferencia.cs
namespace Dominio
{
    public class GIMReferencia
    {
        public decimal CD_GUIA { get; set; }
        public string NU_REFERENCIA { get; set; }
        public string DT_RECEPCAO { get; set; }
        public string NU_INSCRICAO_ESTADUAL { get; set; }
        public string NU_CNPJ_CPF { get; set; }
        public string NM_RAZAO_SOCIAL { get; set; }
        public string NM_FANTASIA { get; set; }
    }
}
GIM.cs

```



```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Text;
using System.Threading.Tasks;
```

```
namespace Dominio
```

```
{
    public class GIM
    {
        public decimal CD_GUIA { get; set; }
        public string NU_REFERENCIA { get; set; }
        public string DT_RECEPCAO { get; set; }
        public string NU_INSCRICAO_ESTADUAL { get; set; }
        public string NU_CNPJ_CPF { get; set; }
        public string NM_RAZAO_SOCIAL { get; set; }
        public string NM_FANTASIA { get; set; }
        public string NM_LOGRADOURO { get; set; }
        public string NU_LOGRADOURO { get; set; }
        public string NM_COMPLEMENTO { get; set; }
        public string NU_CEP { get; set; }
        public string NM_BAIRRO { get; set; }
        public string NM_MUNICIPIO_RFB { get; set; }
        public string SG_UF_MUNICIPIO1 { get; set; }
        public decimal VL_CEST07_1 { get; set; }
        public decimal VL_CEST07_2 { get; set; }
        public decimal VL_CEST07_3 { get; set; }
        public decimal VL_CEST07_4 { get; set; }
        public decimal VL_COUT08_1 { get; set; }
        public decimal VL_COUT08_2 { get; set; }
        public decimal VL_COUT08_3 { get; set; }
        public decimal VL_COUT08_4 { get; set; }
        public decimal VL_CEXT09_1 { get; set; }
        public decimal VL_CEXT09_2 { get; set; }
        public decimal VL_CEXT09_3 { get; set; }
        public decimal VL_CEXT09_4 { get; set; }
        public decimal VL_TOTA10_1 { get; set; }
        public decimal VL_TOTA10_2 { get; set; }
        public decimal VL_TOTA10_3 { get; set; }
        public decimal VL_TOTA10_4 { get; set; }
        public decimal VL_CPES11_1 { get; set; }
        public decimal VL_CPES11_2 { get; set; }
        public decimal VL_CPES11_3 { get; set; }
        public decimal VL_CPES11_4 { get; set; }
        public decimal VL_CPOU12_1 { get; set; }
        public decimal VL_CPOU12_2 { get; set; }
        public decimal VL_CPOU12_3 { get; set; }
        public decimal VL_CPOU12_4 { get; set; }
        public decimal VL_CPEX13_1 { get; set; }
        public decimal VL_CPEX13_2 { get; set; }
        public decimal VL_CPEX13_3 { get; set; }
    }
}
```

```

public decimal VL_CPEX13_4 { get; set; }
public decimal VL_TOTA14_1 { get; set; }
public decimal VL_TOTA14_2 { get; set; }
public decimal VL_TOTA14_3 { get; set; }
public decimal VL_TOTA14_4 { get; set; }
public decimal VL_DEBI15 { get; set; }
public decimal VL_OUTD16 { get; set; }
public decimal VL_ESTC17 { get; set; }
public decimal VL_TOTA18 { get; set; }
public decimal VL_CREI19 { get; set; }
public decimal VL_OUTC20 { get; set; }
public decimal VL_ESTC21 { get; set; }
public decimal VL_SUBT22 { get; set; }
public decimal VL_SCPA23 { get; set; }
public decimal VL_TOTA24 { get; set; }
public decimal VL_APUS25 { get; set; }
public decimal VL_DEBT26 { get; set; }
public decimal VL_APUR27 { get; set; }
public decimal VL_APUC28 { get; set; }
public decimal VL_NORR29 { get; set; }
public decimal VL_NORA30 { get; set; }
public decimal VL_SPSR31 { get; set; }
public decimal VL_SPSA32 { get; set; }
public decimal VL_SPER33 { get; set; }
public decimal VL_SPEA34 { get; set; }
public decimal VL_IMPR35 { get; set; }
public decimal VL_IMPA36 { get; set; }
public decimal VL_EXPR37 { get; set; }
public decimal VL_EXPA38 { get; set; }
public decimal VL_ANTR39 { get; set; }
public decimal VL_ANTA40 { get; set; }
public decimal VL_ICMR41 { get; set; }
public decimal VL_ICMA42 { get; set; }
public string MEST73 { get; set; }
public decimal VL_VEST74 { get; set; }
public string OBSERVACOES_75 { get; set; }

```

```

}

```

```

public class GIMDetalhe
{
    public decimal CD_DETALHE { get; set; }
    public string DC_DETALHE { get; set; }
    public decimal VL_DETALHE { get; set; }
}

```

```

}

```

Dominio.csproj

```

<?xml version="1.0" encoding="utf-8"?>

```

```

<Project ToolsVersion="14.0" DefaultTargets="Build" xmlns="http://schemas.microsoft.com/developer/msbuild/2003">
  <Import Project="$(MSBuildExtensionsPath)\$(MSBuildToolsVersion)\Microsoft.Common.props"
    Condition="Exists('$(MSBuildExtensionsPath)\$(MSBuildToolsVersion)\Microsoft.Common.props')" />

```

```

<PropertyGroup>
  <Configuration Condition=" '$(Configuration)' == '' ">Debug</Configuration>
  <Platform Condition=" '$(Platform)' == '' ">AnyCPU</Platform>
  <ProjectGuid>{0373CB03-5C3D-4246-AA2C-34D66F244FF2}</ProjectGuid>
  <OutputType>Library</OutputType>
  <AppDesignerFolder>Properties</AppDesignerFolder>
  <RootNamespace>Dominio</RootNamespace>
  <AssemblyName>Dominio</AssemblyName>
  <TargetFrameworkVersion>v4.5.2</TargetFrameworkVersion>
  <FileAlignment>512</FileAlignment>
</PropertyGroup>
<PropertyGroup Condition=" '$(Configuration)|$(Platform)' == 'Debug|AnyCPU' ">
  <DebugSymbols>>true</DebugSymbols>
  <DebugType>full</DebugType>
  <Optimize>>false</Optimize>
  <OutputPath>bin\Debug\</OutputPath>
  <DefineConstants>DEBUG;TRACE</DefineConstants>
  <ErrorReport>prompt</ErrorReport>
  <WarningLevel>4</WarningLevel>
</PropertyGroup>
<PropertyGroup Condition=" '$(Configuration)|$(Platform)' == 'Release|AnyCPU' ">
  <DebugType>pdbonly</DebugType>
  <Optimize>>true</Optimize>
  <OutputPath>bin\Release\</OutputPath>
  <DefineConstants>TRACE</DefineConstants>
  <ErrorReport>prompt</ErrorReport>
  <WarningLevel>4</WarningLevel>
</PropertyGroup>
<ItemGroup>
  <Reference Include="System" />
  <Reference Include="System.Core" />
  <Reference Include="System.Xml.Linq" />
  <Reference Include="System.Data.DataSetExtensions" />
  <Reference Include="Microsoft.CSharp" />
  <Reference Include="System.Data" />
  <Reference Include="System.Net.Http" />
  <Reference Include="System.Xml" />
</ItemGroup>
<ItemGroup>
  <Compile Include="Contador.cs" />
  <Compile Include="Contribuinte.cs" />
  <Compile Include="GIM.cs" />
  <Compile Include="GIMReferencia.cs" />
  <Compile Include="Prefeitura.cs" />
  <Compile Include="Properties\AssemblyInfo.cs" />
  <Compile Include="InformativoFiscal.cs" />
  <Compile Include="ReferencialInformativoFiscal.cs" />
  <Compile Include="Referencia.cs" />
  <Compile Include="Usuario.cs" />
  <Compile Include="UsuarioPrefeitura.cs" />
</ItemGroup>

```

```

<Import Project="$(MSBuildToolsPath)\Microsoft.CSharp.targets" />
<!-- To modify your build process, add your task inside one of the targets below and uncomment it.
     Other similar extension points exist, see Microsoft.Common.targets.
<Target Name="BeforeBuild">
</Target>
<Target Name="AfterBuild">
</Target>
-->
</Project>
Contribuinte.cs
using System;

namespace Dominio
{
    public class Contribuinte
    {

        public decimal SQ_CONTRIBUINTE { get; set; }
        public string NU_INSCRICAO_ESTADUAL { get; set; }
        public string NU_CNPJ_CPF { get; set; }
        public string NM_RAZAO_SOCIAL { get; set; }
        public string NM_FANTASIA { get; set; }
        public string CD_MUNICIPIO { get; set; }
        public string NM_LOGRADOURO { get; set; }
        public string NU_LOGRADOURO { get; set; }
        public string NM_COMPLEMENTO { get; set; }
        public string NU_CEP { get; set; }
        public string NM_BAIRRO { get; set; }
        public string NU_TELEFONE { get; set; }
        public string NM_EMAIL_COMERCIAL { get; set; }
        public string NM_ORGAO { get; set; }
        public string NU_CNAE_FISCAL_PRIMARIO { get; set; }
        public string TP_REGIME_PAGAMENTO { get; set; }
        public string ST_SITUACAO_CADASTRAL { get; set; }
        public decimal CD_CONTRIBUINTE { get; set; }
        public DateTime? DT_INICIO_ATIVIDADE { get; set; }
        public string NU_INSCRICAO_MUNICIPAL { get; set; }

    }
}

Contador.cs
namespace Dominio
{
    public class Contador
    {
        public decimal SQ_CONTADOR { get; set; }
        public decimal NU_CRC { get; set; }
        public string NM_CONTADOR { get; set; }
        public string NM_LOGRADOURO { get; set; }
        public string NU_LOGRADOURO { get; set; }
        public string NM_COMPLEMENTO { get; set; }
    }
}

```

```

        public string NU_CEP { get; set; }
        public string NM_BAIRRO { get; set; }
        public string NU_TELEFONE { get; set; }
        public string NM_EMAIL_COMERCIAL { get; set; }
    }
}

```

VBCSCompiler.exe.config

```
<?xml version="1.0" encoding="utf-8" ?>
```

```
<!-- Copyright (c) Microsoft. All Rights Reserved. Licensed under the Apache License, Version 2.0. See License.txt
in the project root for license information. -->
```

```
<configuration>
```

```
<runtime>
```

```
<gcServer enabled="true"/>
```

```
<gcConcurrent enabled="false"/>
```

```
</runtime>
```

```
<appSettings>
```

```
<!-- Number of seconds with no activity before the server times out and closes.
```

```
Set to -1 to never shut down the server. -->
```

```
<add key="keepalive" value="600"/>
```

```
</appSettings>
```

```
</configuration>
```

Web.config

```
<?xml version="1.0"?>
```

```
<configuration>
```

```
<configSections>
```

```
<sectionGroup name="system.web.webPages.razor"
```

```
type="System.Web.WebPages.Razor.Configuration.RazorWebSectionGroup, System.Web.WebPages.Razor,
Version=3.0.0.0, Culture=neutral, PublicKeyToken=31BF3856AD364E35">
```

```
<section name="host" type="System.Web.WebPages.Razor.Configuration.HostSection,
System.Web.WebPages.Razor, Version=3.0.0.0, Culture=neutral, PublicKeyToken=31BF3856AD364E35"
requirePermission="false" />
```

```
<section name="pages" type="System.Web.WebPages.Razor.Configuration.RazorPagesSection,
System.Web.WebPages.Razor, Version=3.0.0.0, Culture=neutral, PublicKeyToken=31BF3856AD364E35"
requirePermission="false" />
```

```
</sectionGroup>
```

```
</configSections>
```

```
<system.web.webPages.razor>
```

```
<host factoryType="System.Web.Mvc.MvcWebRazorHostFactory, System.Web.Mvc, Version=5.2.3.0,
Culture=neutral, PublicKeyToken=31BF3856AD364E35" />
```

```
<pages pageBaseType="System.Web.Mvc.WebViewPage">
```

```
<namespaces>
```

```
<add namespace="System.Web.Mvc" />
```

```
<add namespace="System.Web.Mvc.Ajax" />
```

```
<add namespace="System.Web.Mvc.Html" />
```

```
<add namespace="System.Web.Routing" />
```

```
</namespaces>
```

```
</pages>
```

```
</system.web.webPages.razor>
```

```

<appSettings>
  <add key="webpages:Enabled" value="false" />
</appSettings>

<system.web>
  <compilation debug="true">
    <assemblies>
      <add assembly="System.Net.Http, Version=2.0.0.0, Culture=neutral, PublicKeyToken=b03f5f7f11d50a3a" />
    </assemblies>
  </compilation>
</system.web>

```

```

<system.webServer>
  <handlers>
    <remove name="BlockViewHandler"/>
    <add name="BlockViewHandler" path="*" verb="*" preCondition="integratedMode"
type="System.Web.HttpNotFoundHandler" />
  </handlers>
</system.webServer>
</configuration>

Validador.cs
using Microsoft.VisualBasic;
using System;

```

```

namespace CommonFrameWork
{
  public class Validador
  {

```

```

    private static string[] CPF = {
      "111111111111",
      "222222222222",
      "333333333333",
      "444444444444",
      "555555555555",
      "666666666666",
      "777777777777",
      "888888888888",
      "999999999999"
    };

    };

    public const string REGULAR_EXPRESSION_EMAIL = @"\w+([-+.]\\w+)*@\\w+([-.]\\w+)*\\.\\w+([-.]\\w+)*";
    public const string REGULAR_EXPRESSION_CEP = "^([0-9]{5})\\-[0-9]{3}$";
    public const string REGULAR_EXPRESSION_PROCESSO = "^([0-9]{8})\\V([0-9]{4})$";
    public const string REGULAR_EXPRESSION_DATA = "(((0[1-9]|[12][0-9]|3[01])([/](0[13578][10|12)([/](\\d{4}))|((0[1-9]|[12][0-9]|30)([/](0[469]|11)([/](\\d{4}))|((0[1-9]|1[0-9]|2[0-8])([/](02)([/](\\d{4}))|((29)(\\.-|\\V)(02)([/]([02468][048]00))|((29)([/](02)([/](13579)[26]00))|((29)([/](02)([/](0[0-9][0-9][048]))|((29)([/](02)([/](0[0-9][0-9][2468][048]))|((29)([/](02)([/](0[0-9][0-9][13579][26]))))";
    public const string REGULAR_EXPRESSION_CONTA = "^([0-9]+-[0-9xX])$";

```

```
public const string REGULAR_EXPRESSION_ELEMENTODESPES91 = "[0-9]{2}91[0-9]{2}$";
```

```
public static object ChecarNulo(object vTexto, bool Numerico = false)
```

```
{  
    object functionReturnValue = null;  
  
    if (((vTexto == null) || object.ReferenceEquals(vTexto, DBNull.Value)))  
    {  
        if (Numerico)  
        {  
            functionReturnValue = 0;  
        }  
        else  
        {  
            functionReturnValue = "";  
        }  
    }  
    else  
    {  
        functionReturnValue = vTexto;  
    }  
    return functionReturnValue;  
}
```

```
public static string ValidarValor(string Valor)
```

```
{  
    if (!Information.IsNumeric(Valor.Trim()))  
    {  
        return "0";  
    }  
    else  
    {  
        return Valor;  
    }  
}
```

```
public static void Validar(bool blnCondicao, string strMensagem)
```

```
{  
    if (!blnCondicao)  
    {  
        throw new ApplicationException(strMensagem);  
    }  
}
```

```

    }

}

public static bool ValidarElemento91(string strElementoDespesa)
{

    return System.Text.RegularExpressions.Regex.IsMatch(strElementoDespesa,
REGULAR_EXPRESSION_ELEMENTODESPES91);

}

public static bool ValidarEMail(string strEMail)
{

    return System.Text.RegularExpressions.Regex.IsMatch(strEMail, REGULAR_EXPRESSION_EMAIL);

}

public static bool ValidarConta(string conta)
{

    return System.Text.RegularExpressions.Regex.IsMatch(conta, REGULAR_EXPRESSION_CONTA);

}

public static bool ValidarCEP(string strCEP)
{

    return System.Text.RegularExpressions.Regex.IsMatch(strCEP, REGULAR_EXPRESSION_CEP);

}

public static bool ValidarData(string strData)
{

    return System.Text.RegularExpressions.Regex.IsMatch(strData, REGULAR_EXPRESSION_DATA);

}

public static bool ValidarProcesso(string strProcesso)
{

    return System.Text.RegularExpressions.Regex.IsMatch(strProcesso,
REGULAR_EXPRESSION_PROCESSO);

}

public static bool ValidaCPF(string CPF)
{

```



```
int i = 0;
int x = 0;
int n1 = 0;
int n2 = 0;
```

```
CPF = CPF.Trim();
```

```
for (i = 0; i <= CPF.Length - 1; i++)
{
    if (CPF.Length != 11 || CPF[i].Equals(CPF))
    {
        return false;
    }
}
```

```
for (x = 0; x <= 1; x++)
{
    n1 = 0;

    for (i = 0; i <= 8 + x; i++)
    {
        n1 = n1 + Convert.ToInt32(Conversion.Val(CPF.Substring(i, 1)) * (10 + x - i));
    }

    n2 = 11 - (n1 - (Conversion.Int(n1 / 11) * 11));

    if (n2 == 10 | n2 == 11)
        n2 = 0;

    if (n2 != Conversion.Val(CPF.Substring(9 + x, 1)))
    {
        return false;
    }
}
```

```
return true;
```

```
}
```

```
}
```

```
}
```

AssemblyInfo.cs

```

using System.Reflection;
using System.Runtime.CompilerServices;
using System.Runtime.InteropServices;

// General Information about an assembly is controlled through the following
// set of attributes. Change these attribute values to modify the information
// associated with an assembly.
[assembly: AssemblyTitle("framework")]
[assembly: AssemblyDescription("")]
[assembly: AssemblyConfiguration("")]
[assembly: AssemblyCompany("")]
[assembly: AssemblyProduct("framework")]
[assembly: AssemblyCopyright("Copyright © 2016")]
[assembly: AssemblyTrademark("")]
[assembly: AssemblyCulture("")]

// Setting ComVisible to false makes the types in this assembly not visible
// to COM components. If you need to access a type in this assembly from
// COM, set the ComVisible attribute to true on that type.
[assembly: ComVisible(false)]

// The following GUID is for the ID of the typelib if this project is exposed to COM
[assembly: Guid("cda58391-12ed-4f44-a5a5-2159727b6a2a")]

// Version information for an assembly consists of the following four values:
//
//      Major Version
//      Minor Version
//      Build Number
//      Revision
//
// You can specify all the values or you can default the Build and Revision Numbers
// by using the '*' as shown below:
// [assembly: AssemblyVersion("1.0.*")]
[assembly: AssemblyVersion("1.0.0.0")]
[assembly: AssemblyFileVersion("1.0.0.0")]
OracleAdapterHelper.cs
using System;
using System.Data;
using System.Reflection;
using System.Data.SqlClient;

namespace ConnectionFramework
{
    public class OracleAdapterHepler
    {

        public static SqlTransaction BeginTransaction(object tableAdapter)
        {

            return BeginTransaction(tableAdapter, IsolationLevel.ReadUncommitted);

```

```

}

public static SqlTransaction BeginTransaction(object tableAdapter, IsolationLevel isolationLevel)
{
    Type type = tableAdapter.GetType();
    SqlConnection connection = GetConnection(tableAdapter);

    if (connection.State == ConnectionState.Closed)
    {
        connection.Open();
    }

    SqlTransaction transaction = connection.BeginTransaction(isolationLevel);

    SetTransaction(tableAdapter, transaction);

    return transaction;
}

private static SqlConnection GetConnection(object tableAdapter)
{
    Type type = tableAdapter.GetType();
    PropertyInfo connectionProperty = type.GetProperty("Connection", BindingFlags.NonPublic |
BindingFlags.Instance);
    SqlConnection connection = (SqlConnection)connectionProperty.GetValue(tableAdapter, null);

    return connection;
}

private static void SetConnection(object tableAdapter, SqlConnection connection)
{
    Type type = tableAdapter.GetType();
    PropertyInfo connectionProperty = type.GetProperty("Connection", BindingFlags.NonPublic |
BindingFlags.Instance);

    connectionProperty.SetValue(tableAdapter, connection, null);
}

public static void SetTransaction(object tableAdapter, SqlTransaction transaction)
{
    Type type = tableAdapter.GetType();
    PropertyInfo commandsProperty = type.GetProperty("CommandCollection", BindingFlags.NonPublic |
BindingFlags.Instance);

```

```

SqlCommand[] commands = (SqlCommand[])commandsProperty.GetValue(tableAdapter, null);

foreach (SqlCommand command in commands)
{
    command.Transaction = transaction;
}

SetConnection(tableAdapter, transaction.Connection);

}

}
}

TemporaryGeneratedFile_E7A71F73-0F8D-4B9B-B56E-8E70B10BC5D3.cs
TemporaryGeneratedFile_5937a670-0e60-4077-877b-f7221da3dda1.cs
TemporaryGeneratedFile_036C0B5B-1481-4323-8D20-8F5ADCB23D92.cs
Framework.csproj
<?xml version="1.0" encoding="utf-8"?>
<Project ToolsVersion="14.0" DefaultTargets="Build" xmlns="http://schemas.microsoft.com/developer/msbuild/2003">
  <Import Project="$(MSBuildExtensionsPath)\$(MSBuildToolsVersion)\Microsoft.Common.props"
    Condition="Exists('$(MSBuildExtensionsPath)\$(MSBuildToolsVersion)\Microsoft.Common.props')"/>
  <PropertyGroup>
    <Configuration Condition="'$(Configuration)' == ''">Debug</Configuration>
    <Platform Condition="'$(Platform)' == ''">AnyCPU</Platform>
    <ProjectGuid>{CDA58391-12ED-4F44-A5A5-2159727B6A2A}</ProjectGuid>
    <OutputType>Library</OutputType>
    <AppDesignerFolder>Properties</AppDesignerFolder>
    <RootNamespace>Framework</RootNamespace>
    <AssemblyName>Framework</AssemblyName>
    <TargetFrameworkVersion>v4.5.2</TargetFrameworkVersion>
    <FileAlignment>512</FileAlignment>
  </PropertyGroup>
  <PropertyGroup Condition="'$(Configuration)|$(Platform)' == 'Debug|AnyCPU' ">
    <DebugSymbols>true</DebugSymbols>
    <DebugType>full</DebugType>
    <Optimize>>false</Optimize>
    <OutputPath>bin\Debug\</OutputPath>
    <DefineConstants>DEBUG;TRACE</DefineConstants>
    <ErrorReport>prompt</ErrorReport>
    <WarningLevel>4</WarningLevel>
  </PropertyGroup>
  <PropertyGroup Condition="'$(Configuration)|$(Platform)' == 'Release|AnyCPU' ">
    <DebugType>pdbonly</DebugType>
    <Optimize>true</Optimize>
    <OutputPath>bin\Release\</OutputPath>
    <DefineConstants>TRACE</DefineConstants>
    <ErrorReport>prompt</ErrorReport>
    <WarningLevel>4</WarningLevel>
  </PropertyGroup>
</ItemGroup>

```

```

<Reference Include="Microsoft.VisualBasic" />
<Reference Include="System" />
<Reference Include="System.Core" />
<Reference Include="System.Xml.Linq" />
<Reference Include="System.Data.DataSetExtensions" />
<Reference Include="Microsoft.CSharp" />
<Reference Include="System.Data" />
<Reference Include="System.Net.Http" />
<Reference Include="System.Xml" />
</ItemGroup>
<ItemGroup>
  <Compile Include="Formatador.cs" />
  <Compile Include="OracleAdapterHelper.cs" />
  <Compile Include="Properties\AssemblyInfo.cs" />
  <Compile Include="Validador.cs" />
</ItemGroup>
<Import Project="$(MSBuildToolsPath)\Microsoft.CSharp.targets" />
<!-- To modify your build process, add your task inside one of the targets below and uncomment it.
      Other similar extension points exist, see Microsoft.Common.targets.
-->
<Target Name="BeforeBuild">
</Target>
<Target Name="AfterBuild">
</Target>
-->
</Project>
Formatador.cs

```

```

using Microsoft.VisualBasic;
using System;

```

```

namespace CommonFrameWork

```

```

{
    public class Formatador
    {

        private string _Texto;

        public Formatador(string StrTexto)
        {
            _Texto = SoNumero(StrTexto);
        }

        public static string SoNumero(string strTexto, string strExcessao = "")
        {

            string strAux = null;
            int intCont = 0;
            string strFrag = null;

            strAux = string.Empty;

```

```

for (intCont = 1; intCont <= Strings.Len(strTexto); intCont++)
{
    strFrag = Strings.Mid(strTexto, intCont, 1);

    if (strExcessao == "X")
    {

        if (strFrag != strExcessao)
        {

            if (Information.IsNumeric(strFrag))
            {
                strAux = strAux + strFrag;

            }

        }
        else
        {
            strAux = strAux + strFrag;

        }

    }
    else
    {

        if (Information.IsNumeric(strFrag))
        {
            strAux = strAux + strFrag;

        }

    }

}

return strAux;

}

public static string SoLetras(string strTexto)
{

```

```

int vPos = 0;

const string vComAcento = "ÀÁÂÃÄÅÇÈÉÊËÌÍÎÏÐÒÓÔÕÖÙÚÛÜàáâãäåçèéêëìíîïðóôõöùúûü";
const string vSemAcento = "AAAAACEEEEEIIIIIOOOOOUUUUUaaaaaceeeeiiiiiooooouuuu";

for (int i = 1; i <= Strings.Len(strTexto); i++)
{
    vPos = Strings.InStr(1, vComAcento, Strings.Mid(strTexto, i, 1));

    if (vPos > 0)
    {
        strTexto = Strings.Mid(vSemAcento, vPos, 1);
    }
}

return strTexto;
}

```

```

public static string ObterMesExtenso(int intMes, bool boolAbreviar = false)
{
    string strAux = string.Empty;

    switch (intMes)
    {
        case 1:
            strAux = (boolAbreviar ? "JAN" : "Janeiro");

            break;
        case 2:
            strAux = (boolAbreviar ? "FEV" : "Fevereiro");

            break;
        case 3:
            strAux = (boolAbreviar ? "MAR" : "Março");

            break;
        case 4:
            strAux = (boolAbreviar ? "ABR" : "Abril");

            break;
        case 5:
            strAux = (boolAbreviar ? "MAI" : "Maio");

```

```
        break;
    case 6:

        strAux = (boolAbreviar ? "JUN" : "Junho");
```

```
        break;
    case 7:

        strAux = (boolAbreviar ? "JUL" : "Julho");
```

```
        break;
    case 8:

        strAux = (boolAbreviar ? "AGO" : "Agosto");
```

```
        break;
    case 9:

        strAux = (boolAbreviar ? "SET" : "Setembro");
```

```
        break;
    case 10:

        strAux = (boolAbreviar ? "OUT" : "Outubro");
```

```
        break;
    case 11:

        strAux = (boolAbreviar ? "NOV" : "Novembro");
```

```
        break;
    case 12:

        strAux = (boolAbreviar ? "DEZ" : "Dezembro");
```

```
        break;
```

```
    }
```

```
    return strAux;
```

```
}
```

```
public static string SemEspacos(string strTexto)
{
```

```
    string strAux = null;
    int intCont = 0;
    string strFrag = null;
```

```
    strAux = string.Empty;
```



```

for (intCont = 1; intCont <= Strings.Len(strTexto); intCont++)
{
    strFrag = Strings.Mid(strTexto, intCont, 1);

    if (strFrag != " ")
    {
        strAux = strAux + strFrag;
    }

}

return strAux;
}

```

```

public static string ExtensaoArquivo(string strArquivo)
{

    string strAux = null;
    int lngPos = 0;

    strAux = Strings.StrReverse(strArquivo);

    lngPos = Strings.InStr(strAux, ".");

    if (lngPos == -1 || lngPos == 0)
        return strArquivo;

    strAux = Strings.Mid(strAux, 1, lngPos);

    return Strings.StrReverse(strAux);

}

```

```

public static string NomeArquivo(string strArquivo)
{

    string strAux = null;
    int lngPos = 0;

    strAux = Strings.StrReverse(strArquivo);

    lngPos = Strings.InStr(strAux, "\\");

    if (lngPos == -1 || lngPos == 0)
        return strArquivo;

    strAux = Strings.Mid(strAux, 1, lngPos - 1);
}

```

```

        return Strings.StrReverse(strAux);

    }

    public static byte[] ConverteBinario(string str)
    {
        return System.Text.Encoding.Unicode.GetBytes(str);
    }

}

}
Settings.Designer.cs
//-----
// <auto-generated>
//   This code was generated by a tool.
//   Runtime Version:4.0.30319.42000
//
//   Changes to this file may cause incorrect behavior and will be lost if
//   the code is regenerated.
// </auto-generated>
//-----

namespace DAL.Properties {

    [global::System.Runtime.CompilerServices.CompilerGeneratedAttribute()]
    [global::System.CodeDom.Compiler.GeneratedCodeAttribute("Microsoft.VisualStudio.Editors.SettingsDesigner.SettingsSingleFileGenerator", "14.0.0.0")]
    internal sealed partial class Settings : global::System.Configuration.ApplicationSettingsBase {

        private static Settings defaultInstance =
((Settings)(global::System.Configuration.ApplicationSettingsBase.Synchronized(new Settings())));

        public static Settings Default {
            get {
                return defaultInstance;
            }
        }

        [global::System.Configuration.ApplicationScopedSettingAttribute()]
        [global::System.Diagnostics.DebuggerNonUserCodeAttribute()]
        [global::System.Configuration.SpecialSettingAttribute(global::System.Configuration.SpecialSetting.ConnectionString)]
        [global::System.Configuration.DefaultSettingValueAttribute("DATA
SOURCE=201.76.148.38:1521/GENIPABU;PASSWORD=Soluc o!2016*2017;USER ID=DEVELO" +
"PER")]
        public string ConnectionString {
            get {
                return ((string)(this["ConnectionString"]));
            }
        }
    }
}

```

```

    }
}
AssemblyInfo.cs
using System.Reflection;
using System.Runtime.CompilerServices;
using System.Runtime.InteropServices;

// General Information about an assembly is controlled through the following
// set of attributes. Change these attribute values to modify the information
// associated with an assembly.
[assembly: AssemblyTitle("dal")]
[assembly: AssemblyDescription("")]
[assembly: AssemblyConfiguration("")]
[assembly: AssemblyCompany("")]
[assembly: AssemblyProduct("dal")]
[assembly: AssemblyCopyright("Copyright © 2016")]
[assembly: AssemblyTrademark("")]
[assembly: AssemblyCulture("")]

// Setting ComVisible to false makes the types in this assembly not visible
// to COM components. If you need to access a type in this assembly from
// COM, set the ComVisible attribute to true on that type.
[assembly: ComVisible(false)]

// The following GUID is for the ID of the typelib if this project is exposed to COM
[assembly: Guid("39f1c046-4d47-42e9-9e3b-552d80ac63c7")]

// Version information for an assembly consists of the following four values:
//
//      Major Version
//      Minor Version
//      Build Number
//      Revision
//
// You can specify all the values or you can default the Build and Revision Numbers
// by using the '*' as shown below:
// [assembly: AssemblyVersion("1.0.*")]
[assembly: AssemblyVersion("1.0.0.0")]
[assembly: AssemblyFileVersion("1.0.0.0")]
packages.config
<?xml version="1.0" encoding="utf-8"?>
<packages>
  <package id="Dapper" version="1.50.2" targetFramework="net452" />
  <package id="DBBroker" version="1.1.0" targetFramework="net452" />
  <package id="EntityFramework" version="6.1.3" targetFramework="net452" />
</packages>
OracleDynamicParameters.cs
using System;
using System.Data;
using Dapper;
using System.Collections.Generic;

```

```

using Oracle.ManagedDataAccess.Client;
using System.Linq;

namespace DAL
{
    public class OracleDynamicParameters : Dapper.SqlMapper.IDynamicParameters
    {
        private static Dictionary<SqlMapper.Identity, Action<IDbCommand, object>> paramReaderCache = new
Dictionary<SqlMapper.Identity, Action<IDbCommand, object>>();

        private Dictionary<string, ParamInfo> parameters = new Dictionary<string, ParamInfo>();
        private List<object> templates;

        private class ParamInfo
        {
            public string Name { get; set; }

            public object Value { get; set; }

            public ParameterDirection ParameterDirection { get; set; }

            public OracleDbType? DbType { get; set; }

            public int? Size { get; set; }

            public IDbDataParameter AttachedParam { get; set; }
        }

        /// <summary>
        /// construct a dynamic parameter bag
        /// </summary>
        public OracleDynamicParameters()
        {
        }

        /// <summary>
        /// construct a dynamic parameter bag
        /// </summary>
        /// <param name="template">can be an anonymous type or a DynamicParameters bag</param>
        public OracleDynamicParameters(object template)
        {
            AddDynamicParams(template);
        }

        /// <summary>
        /// Append a whole object full of params to the dynamic
        /// EG: AddDynamicParams(new {A = 1, B = 2}) // will add property A and B to the dynamic
        /// </summary>
        /// <param name="param"></param>
        public void AddDynamicParams(

```

```

#if CSHARP30
object param
#else
dynamic param
#endif
)
{
    var obj = param as object;
    if (obj != null)
    {
        var subDynamic = obj as OracleDynamicParameters;
        if (subDynamic == null)
        {
            var dictionary = obj as IEnumerable<KeyValuePair<string, object>>;
            if (dictionary == null)
            {
                templates = templates ?? new List<object>();
                templates.Add(obj);
            }
            else
            {
                foreach (var kvp in dictionary)
                {
#if CSHARP30
Add(kvp.Key, kvp.Value, null, null, null);
#else
                Add(kvp.Key, kvp.Value);
#endif
                }
            }
        }
        else
        {
            if (subDynamic.parameters != null)
            {
                foreach (var kvp in subDynamic.parameters)
                {
                    parameters.Add(kvp.Key, kvp.Value);
                }
            }

            if (subDynamic.templates != null)
            {
                templates = templates ?? new List<object>();
                foreach (var t in subDynamic.templates)
                {
                    templates.Add(t);
                }
            }
        }
    }
}

```

```

}

/// <summary>
/// Add a parameter to this dynamic parameter list
/// </summary>
/// <param name="name"></param>
/// <param name="value"></param>
/// <param name="dbType"></param>
/// <param name="direction"></param>
/// <param name="size"></param>
public void Add(
#if CSHARP30
string name, object value, DbType? dbType, ParameterDirection? direction, int? size
#else
string name, object value = null, OracleDbType? dbType = null, ParameterDirection? direction = null, int? size = null
#endif
)
{
    parameters[Clean(name)] = new ParamInfo() { Name = name, Value = value, ParameterDirection = direction
?? ParameterDirection.Input, DbType = dbType, Size = size };
}

private static string Clean(string name)
{
    if (!string.IsNullOrEmpty(name))
    {
        switch (name[0])
        {
            case '@':
            case ':':
            case '?':
                return name.Substring(1);
        }
    }
    return name;
}

void SqlMapper.IDynamicParameters.AddParameters(IDbCommand command, SqlMapper.Identity identity)
{
    AddParameters(command, identity);
}

/// <summary>
/// Add all the parameters needed to the command just before it executes
/// </summary>
/// <param name="command">The raw command prior to execution</param>
/// <param name="identity">Information about the query</param>
protected void AddParameters(IDbCommand command, SqlMapper.Identity identity)
{
    if (templates != null)
    {

```

```

foreach (var template in templates)
{
    var newIdent = identity.ForDynamicParameters(template.GetType());
    Action<IDbCommand, object> appender;

    lock (paramReaderCache)
    {
        if (!paramReaderCache.TryGetValue(newIdent, out appender))
        {
            appender = SqlMapper.CreateParamInfoGenerator(newIdent, false, false);
            paramReaderCache[newIdent] = appender;
        }
    }

    appender(command, template);
}

foreach (var param in parameters.Values)
{
    string name = Clean(param.Name);
    bool add = !((OracleCommand)command).Parameters.Contains(name);
    OracleParameter p;
    if (add)
    {
        p = ((OracleCommand)command).CreateParameter();
        p.ParameterName = name;
    }
    else
    {
        p = ((OracleCommand)command).Parameters[name];
    }
    var val = param.Value;
    p.Value = val ?? DBNull.Value;
    p.Direction = param.ParameterDirection;
    var s = val as string;
    if (s != null)
    {
        if (s.Length <= 4000)
        {
            p.Size = 4000;
        }
    }
    if (param.Size != null)
    {
        p.Size = param.Size.Value;
    }
    if (param.DbType != null)
    {
        p.OracleDbType = param.DbType.Value;
    }
}

```

```

        if (add)
        {
            command.Parameters.Add(p);
        }
        param.AttachedParam = p;
    }
}

/// <summary>
/// All the names of the param in the bag, use Get to yank them out
/// </summary>
public IEnumerable<string> ParameterNames
{
    get
    {
        return parameters.Select(p => p.Key);
    }
}

/// <summary>
/// Get the value of a parameter
/// </summary>
/// <typeparam name="T"></typeparam>
/// <param name="name"></param>
/// <returns>The value, note DBNull.Value is not returned, instead the value is returned as null</returns>
public T Get<T>(string name)
{
    var val = parameters[Clean(name)].AttachedParam.Value;
    if (val == DBNull.Value)
    {
        if (default(T) != null)
        {
            throw new ApplicationException("Attempting to cast a DBNull to a non nullable type!");
        }
        return default(T);
    }
    return (T)val;
}
}

}

TemporaryGeneratedFile_E7A71F73-0F8D-4B9B-B56E-8E70B10BC5D3.cs
TemporaryGeneratedFile_5937a670-0e60-4077-877b-f7221da3dda1.cs
TemporaryGeneratedFile_036C0B5B-1481-4323-8D20-8F5ADCB23D92.cs
DbUsuario.cs
using CommonFrameWork;
using Dapper;
using Dominio;
using Oracle.ManagedDataAccess.Client;
using System;
using System.Collections.Generic;

```



```
using System.Transactions;
```

```
namespace DAL
```

```
{  
    public class DbUsuario : IDisposable  
    {  
        public IEnumerable<Usuario> Listar()  
        {  
            using (OracleConnection cnn = new OracleConnection(Properties.Settings.Default.ConnectionString))  
            {  
                return cnn.Query<Usuario>("Select * from sig_usuario");  
            }  
        }  
  
        public Usuario EfetuarLogon(string login, string senha)  
        {  
            using (OracleConnection cnn = new OracleConnection(Properties.Settings.Default.ConnectionString))  
            {  
                return cnn.QueryFirstOrDefault<Usuario>("Select * from sig_usuario Where login=:login and senha =  
:senha", new { login = login, senha = senha });  
            }  
        }  
  
        public Usuario Selecionar(decimal SQ_USUARIO)  
        {  
            using (OracleConnection cnn = new OracleConnection(Properties.Settings.Default.ConnectionString))  
            {  
                return cnn.QueryFirstOrDefault<Usuario>("Select * from sig_usuario Where SQ_USUARIO=:SQ_USUARIO  
", new { SQ_USUARIO = SQ_USUARIO });  
            }  
        }  
  
        public IEnumerable<decimal> RetornaPrefeiturasPorUsuario(decimal SQ_USUARIO)  
        {  
            using (OracleConnection cnn = new OracleConnection(Properties.Settings.Default.ConnectionString))  
            {  
                return cnn.Query<decimal>("select SQ_PREFEITURA from SIG_USUARIO_PREFEITURA Where  
SQ_USUARIO=:SQ_USUARIO ", new { SQ_USUARIO = SQ_USUARIO });  
            }  
        }  
  
        public void AtualizarSenha(string senha, decimal SQ_USUARIO)  
        {  
            using (OracleConnection cnn = new OracleConnection(Properties.Settings.Default.ConnectionString))  
            {  
                cnn.Execute(@"UPDATE SIG_USUARIO SET Senha = :Senha WHERE(SQ_USUARIO =  
:SQ_USUARIO)", new { Senha = senha, SQ_USUARIO = SQ_USUARIO });  
            }  
        }  
  
        public void VincularPrefeituras(UsuarioPrefeitura usuarioPrefeitura)
```

```

{

    using (OracleConnection dbConnection = new
OracleConnection(Properties.Settings.Default.ConnectionString))
    {

        dbConnection.Open();

        using (var trn = dbConnection.BeginTransaction())
        {
            try
            {
                dbConnection.Execute(@"DELETE FROM SIG_USUARIO_PREFEITURA WHERE SQ_USUARIO =
:SQ_USUARIO", new { SQ_USUARIO = usuarioPrefeitura.Usuario.SQ_USUARIO }, trn);

                foreach (var prefeitura in usuarioPrefeitura.PrefeituraList)
                {
                    dbConnection.Execute(@"INSERT INTO SIG_USUARIO_PREFEITURA (SQ_USUARIO,
SQ_PREFEITURA) VALUES (:SQ_USUARIO, :SQ_PREFEITURA)", new { usuarioPrefeitura.Usuario.SQ_USUARIO,
prefeitura.SQ_PREFEITURA }, trn);
                }

                trn.Commit();

            }
            catch (Exception e)
            {
                trn.Rollback();
                throw e;
            }
        }
    }
}

public void Excluir(decimal seqUsuario)
{

    using (OracleConnection dbConnection = new
OracleConnection(Properties.Settings.Default.ConnectionString))
    {
        dbConnection.Open();

        using (var trn = dbConnection.BeginTransaction())
        {
            try
            {
                dbConnection.Execute(@"DELETE FROM SIG_USUARIO_PREFEITURA WHERE SQ_USUARIO =
:SQ_USUARIO", new { SQ_USUARIO = seqUsuario }, trn);

                dbConnection.Execute(@"DELETE FROM SIG_USUARIO WHERE(SQ_USUARIO =

```

```
:SQ_USUARIO)", new { SQ_USUARIO = seqUsuario }, trn);
```

```
    trn.Commit();
```

```
    }
```

```
    catch (Exception e)
```

```
    {
```

```
        trn.Rollback();
```

```
        throw e;
```

```
    }
```

```
}
```

```
}
```

```
}
```

```
public void Incluir(Usuario usuario)
```

```
{
```

```
    using (OracleConnection dbConnection = new
```

```
OracleConnection(Properties.Settings.Default.ConnectionString))
```

```
    {
```

```
        dbConnection.Open();
```

```
        using (var trn = dbConnection.BeginTransaction())
```

```
        {
```

```
            try
```

```
            {
```

```
                usuario.SQ_USUARIO = dbConnection.ExecuteScalar<decimal>(@"SELECT SQ_USUARIO FROM  
SIG_USUARIO WHERE LOGIN = :LOGIN ", new { usuario.LOGIN }, trn);
```

```
                Validador.Validar(!(usuario.SQ_USUARIO > 0), "Já existe um usuário com o login informado");
```

```
                dbConnection.Execute(@"INSERT INTO sig_usuario (NM_USUARIO, LOGIN, SENHA,  
DT_INCLUSAO, NM_USUARIO_INCLUSAO, ADMINISTRADOR) VALUES(:NM_USUARIO, :LOGIN, :SENHA,  
SYSDATE, USER, :ADMINISTRADOR)", usuario, trn);
```

```
                if (usuario.ADMINISTRADOR == "S")
```

```
                {
```

```
                    usuario.SQ_USUARIO = dbConnection.ExecuteScalar<decimal>(@"SELECT SQ_USUARIO FROM  
SIG_USUARIO WHERE LOGIN = :LOGIN AND SENHA = :SENHA", new { usuario.LOGIN, usuario.SENHA }, trn);
```

```
                    dbConnection.Execute(@"DELETE FROM SIG_USUARIO_PREFEITURA WHERE SQ_USUARIO  
= :SQ_USUARIO", new { usuario.SQ_USUARIO });
```

```

        var prefeituras = dbConnection.Query<Prefeitura>("SELECT * FROM SIG_PREFEITURA",
null).AsList();

        foreach (var prefeitura in prefeituras)
        {
            dbConnection.Execute(@"INSERT INTO SIG_USUARIO_PREFEITURA (SQ_USUARIO,
SQ_PREFEITURA) VALUES (:SQ_USUARIO, :SQ_PREFEITURA)", new { usuario.SQ_USUARIO,
prefeitura.SQ_PREFEITURA }, trn);
        }

        trn.Commit();
    }
    catch
    {
        trn.Rollback();
        throw;
    }
}

}

#region IDisposable Support
private bool disposedValue = false;

protected virtual void Dispose(bool disposing)
{
    if (!disposedValue)
    {
        if (disposing)
        {
            GC.Collect();
        }

        disposedValue = true;
    }
}

public void Dispose()
{
    Dispose(true);
    GC.SuppressFinalize(this);
}
#endregion
}
}

```

```

using Dapper;
using Dominio;
using Oracle.ManagedDataAccess.Client;
using System;
using System.Collections.Generic;
using System.Linq;
using System.Text;
using System.Threading.Tasks;

namespace DAL
{
    public class DbPrefeitura : IDisposable
    {

        public IEnumerable<Prefeitura> Listar()
        {
            using (OracleConnection cnn = new OracleConnection(Properties.Settings.Default.ConnectionString))
            {
                return cnn.Query<Prefeitura>("Select * from sig_prefeitura");
            }
        }

        public Prefeitura Selecionar(decimal SQ_PREFEITURA)
        {
            using (OracleConnection cnn = new OracleConnection(Properties.Settings.Default.ConnectionString))
            {
                return cnn.QueryFirstOrDefault<Prefeitura>("Select * from sig_prefeitura Where
SQ_PREFEITURA=:SQ_PREFEITURA ", new { SQ_PREFEITURA = SQ_PREFEITURA });
            }
        }

        public void Incluir(Prefeitura prefeitura)
        {
            using (OracleConnection cnn = new OracleConnection(Properties.Settings.Default.ConnectionString))
            {
                cnn.Execute(@" INSERT INTO SIG_PREFEITURA(
                                NM_PREFEITURA,
                                NM_PREFEITO,
                                NM_SEC_TRIBUTACAO,
                                NM_CONTADOR,
                                NM_LOGRADOURO,
                                NU_NUMERO,
                                TX_CONTATO,
                                DT_INCLUSAO,
                                NM_USUARIO_INCLUSAO,
                                NU_HABITANTES,
                                QT_EXTENSAO_TERRITORIAL)
                                VALUES(
                                :NM_PREFEITURA,

```

```

        :NM_PREFEITO,
        :NM_SEC_TRIBUTACAO,
        :NM_CONTADOR,
        :NM_LOGRADOURO,
        :NU_NUMERO,
        :TX_CONTATO,
        SYSDATE,
        USER,
        :NU_HABITANTES,
        :QT_EXTENSAO_TERRITORIAL)", prefeitura);
    }

}

public void Excluir(decimal SQ_PREFEITURA)
{
    using (OracleConnection cnn = new OracleConnection(Properties.Settings.Default.ConnectionString))
    {
        cnn.Execute(@"DELETE FROM SIG_PREFEITURA WHERE(SQ_PREFEITURA = :SQ_PREFEITURA)",
new { SQ_PREFEITURA = SQ_PREFEITURA });
    }
}

public void Atualizar(Prefeitura prefeitura)
{
    using (OracleConnection cnn = new OracleConnection(Properties.Settings.Default.ConnectionString))
    {

        cnn.Execute(@" UPDATE SIG_PREFEITURA SET
            NM_PREFEITURA = :NM_PREFEITURA,
            NM_PREFEITO = :NM_PREFEITO,
            NM_SEC_TRIBUTACAO = :NM_SEC_TRIBUTACAO,
            NM_CONTADOR = :NM_CONTADOR,
            NM_LOGRADOURO = :NM_LOGRADOURO,
            NU_NUMERO = :NU_NUMERO,
            TX_CONTATO = :TX_CONTATO,
            DT_ALTERACAO = SYSDATE,
            NM_USUARIO_ALTERACAO = USER,
            NU_HABITANTES = :NU_HABITANTES,
            QT_EXTENSAO_TERRITORIAL = :QT_EXTENSAO_TERRITORIAL", prefeitura);
    }
}

}

#region IDisposable Support
private bool disposedValue = false; // To detect redundant calls

protected virtual void Dispose(bool disposing)

```

```

{
    if (!disposedValue)
    {
        if (disposing)
        {
            GC.Collect();
        }

        // TODO: free unmanaged resources (unmanaged objects) and override a finalizer below.
        // TODO: set large fields to null.

        disposedValue = true;
    }
}

// TODO: override a finalizer only if Dispose(bool disposing) above has code to free unmanaged resources.
// ~DbPrefeitura() {
// // Do not change this code. Put cleanup code in Dispose(bool disposing) above.
// Dispose(false);
// }

// This code added to correctly implement the disposable pattern.
public void Dispose()
{
    // Do not change this code. Put cleanup code in Dispose(bool disposing) above.
    Dispose(true);
    // TODO: uncomment the following line if the finalizer is overridden above.
    // GC.SuppressFinalize(this);
}
#endregion
}
}

DbInformativoFiscal.cs
using Dapper;
using Dominio;
using Oracle.ManagedDataAccess.Client;
using System;
using System.Collections.Generic;
using System.Data;
using System.Linq;
using System.Text;
using System.Threading.Tasks;

namespace DAL
{
    public class DbInformativoFiscal : IDisposable
    {
        public IEnumerable<Referencia.InformativoFiscal> RetornarReferenciaPorInscricao(string ie)
        {
            using (OracleConnection cnn = new OracleConnection(Properties.Settings.Default.ConnectionString))
            {

```

```

        var parameters = new OracleDynamicParameters();
        parameters.Add("pNuInscricao", ie);
        parameters.Add("pErro", dbType: OracleDbType.Varchar2, direction: ParameterDirection.Output);
        parameters.Add("pCursor", dbType: OracleDbType.RefCursor, direction: ParameterDirection.Output);

        return
cnn.Query<Referencia.InformativoFiscal>("ADM_OBJETOS.IFFPKG_INFORMATIVO_FISCAL.SP_IFF_RETORNA_
REFERENCIA", param: parameters, commandType: CommandType.StoredProcedure);
    }
}

```

```

public IEnumerable<ReferenciaInformativoFiscal> RetornaInformativoFiscalPorInscricaoReferencia(string ie,
decimal? referencia)
{
    using (OracleConnection cnn = new OracleConnection(Properties.Settings.Default.ConnectionString))
    {
        var parameters = new OracleDynamicParameters();
        parameters.Add("pNuInscricao", ie);
        if (referencia.HasValue)
        {
            parameters.Add("pReferencia", referencia.Value);
        }

        else
        {
            parameters.Add("pReferencia", null);
        }

        parameters.Add("pErro", dbType: OracleDbType.Varchar2, direction: ParameterDirection.Output);
        parameters.Add("pCursor", dbType: OracleDbType.RefCursor, direction: ParameterDirection.Output);

        return
cnn.Query<ReferenciaInformativoFiscal>("ADM_OBJETOS.IFFPKG_INFORMATIVO_FISCAL.SP_CONSULTA_INF
ORM_FISCAL", param: parameters, commandType: CommandType.StoredProcedure);
    }
}

```

```

public InformativoFiscal RetornaInformativoFiscal(string ie, decimal referencia)
{
    using (OracleConnection cnn = new OracleConnection(Properties.Settings.Default.ConnectionString))
    {
        var parameters = new OracleDynamicParameters();
        parameters.Add("pNuInscricao", ie);
        parameters.Add("pReferencia", referencia);

        parameters.Add("pErro", dbType: OracleDbType.Varchar2, direction: ParameterDirection.Output);
        parameters.Add("pCursor", dbType: OracleDbType.RefCursor, direction: ParameterDirection.Output);

        return
cnn.QueryFirst<InformativoFiscal>("ADM_OBJETOS.IFFPKG_INFORMATIVO_FISCAL.SP_CONSULTA_INFORM_F

```



```
ISCAL", param: parameters, commandType: CommandType.StoredProcedure);
```

```
    }  
}
```

```
#region IDisposable Support
```

```
private bool disposedValue = false; // To detect redundant calls
```

```
protected virtual void Dispose(bool disposing)
```

```
{  
    if (!disposedValue)  
    {  
        if (disposing)  
        {  
            // TODO: dispose managed state (managed objects).  
        }  
    }  
}
```

```
    // TODO: free unmanaged resources (unmanaged objects) and override a finalizer below.
```

```
    // TODO: set large fields to null.
```

```
    disposedValue = true;
```

```
    }  
}
```

```
// TODO: override a finalizer only if Dispose(bool disposing) above has code to free unmanaged resources.
```

```
// ~DbInformativoFiscal() {
```

```
// // Do not change this code. Put cleanup code in Dispose(bool disposing) above.
```

```
// Dispose(false);
```

```
// }
```

```
// This code added to correctly implement the disposable pattern.
```

```
public void Dispose()
```

```
{  
    // Do not change this code. Put cleanup code in Dispose(bool disposing) above.  
    Dispose(true);  
    // TODO: uncomment the following line if the finalizer is overridden above.  
    // GC.SuppressFinalize(this);  
}
```

```
#endregion
```

```
    }  
}
```

```
DbGIM.cs
```

```
using Dapper;
```

```
using Dominio;
```

```
using Oracle.ManagedDataAccess.Client;
```

```
using System;
```

```
using System.Collections.Generic;
```

```
using System.Data;
```

```
using System.Linq;
```

```
using System.Text;
```

```
using System.Threading.Tasks;
```

```
namespace DAL
```

```
{  
    public class DbGIM : IDisposable  
    {  
        public IEnumerable<Referencia.GIM> RetornarReferenciaPorInscricao(string ie)  
        {  
            using (OracleConnection cnn = new OracleConnection(Properties.Settings.Default.ConnectionString))  
            {  
                var parameters = new OracleDynamicParameters();  
                parameters.Add("pNuInscricao", ie);  
                parameters.Add("pErro", dbType: OracleDbType.Varchar2, direction: ParameterDirection.Output);  
                parameters.Add("pCursor", dbType: OracleDbType.RefCursor, direction: ParameterDirection.Output);  
  
                return  
                cnn.Query<Referencia.GIM>("ADM_OBJETOS.GIMPKG_GUIA_INFORMATIVA_MENSAL.SP_GIM_RETORNA_RE  
FERENCIA", param: parameters, commandType: CommandType.StoredProcedure);  
            }  
        }  
  
        public IEnumerable<GIMReferencia> RetornaGIMPorInscricaoReferencia(string ie, decimal? referencia)  
        {  
            using (OracleConnection cnn = new OracleConnection(Properties.Settings.Default.ConnectionString))  
            {  
                var parameters = new OracleDynamicParameters();  
                parameters.Add("pNuInscricao", ie);  
                if (referencia.HasValue)  
                {  
                    parameters.Add("pReferencia", referencia.Value);  
                }  
  
                else  
                {  
                    parameters.Add("pReferencia", null);  
                }  
  
                parameters.Add("pErro", dbType: OracleDbType.Varchar2, direction: ParameterDirection.Output);  
                parameters.Add("pCursor", dbType: OracleDbType.RefCursor, direction: ParameterDirection.Output);  
  
                return  
                cnn.Query<GIMReferencia>("ADM_OBJETOS.GIMPKG_GUIA_INFORMATIVA_MENSAL.SP_CONSULTA_GUIA_M  
ENSAL", param: parameters, commandType: CommandType.StoredProcedure);  
            }  
        }  
  
        public GIM RetornaConsultaGuiaMensal(string ie, decimal referencia)  
        {  
            using (OracleConnection cnn = new OracleConnection(Properties.Settings.Default.ConnectionString))  
            {  
                var parameters = new OracleDynamicParameters();  
                parameters.Add("pNuInscricao", ie);  
            }  
        }  
    }  
}
```

```

        parameters.Add("pReferencia", referencia);
        parameters.Add("pErro", dbType: OracleDbType.Varchar2, direction: ParameterDirection.Output);
        parameters.Add("pCursor", dbType: OracleDbType.RefCursor, direction: ParameterDirection.Output);

        return
cnn.QueryFirst<GIM>("ADM_OBJETOS.GIMPKG_GUIA_INFORMATIVA_MENSAL.SP_CONSULTA_GUIA_MENSA
L", param: parameters, commandType: CommandType.StoredProcedure);
    }
}

```

```

public IEnumerable<GIMDetalhe> RetornaConsultaGuiaMensalDetalhe(string ie, decimal referencia)
{

```

```

    using (OracleConnection cnn = new OracleConnection(Properties.Settings.Default.ConnectionString))
    {
        var parameters = new OracleDynamicParameters();
        parameters.Add("pNuInscricao", ie);

        if (referencia == 0)
        {
            parameters.Add("pReferencia", null);
        }
        else
        {
            parameters.Add("pReferencia", referencia);
        }

        parameters.Add("pErro", dbType: OracleDbType.Varchar2, direction: ParameterDirection.Output);
        parameters.Add("pCursor", dbType: OracleDbType.RefCursor, direction: ParameterDirection.Output);

        return
cnn.Query<GIMDetalhe>("ADM_OBJETOS.GIMPKG_GUIA_INFORMATIVA_MENSAL.SP_CONSULTA_GUIA_MEN
SAL_DET", param: parameters, commandType: CommandType.StoredProcedure);
    }
}

```

```

#region IDisposable Support

```

```

private bool disposedValue = false; // To detect redundant calls

```

```

protected virtual void Dispose(bool disposing)
{
    if (!disposedValue)
    {
        if (disposing)
        {
            GC.Collect();
        }
    }
}

```

```

        disposedValue = true;
    }
}

public void Dispose()
{
    Dispose(true);
    GC.SuppressFinalize(this);
}
#endregion
}
}

DbContador.cs
using Dapper;
using Dominio;
using Oracle.ManagedDataAccess.Client;
using System;
using System.Collections.Generic;
using System.Linq;
using System.Text;
using System.Threading.Tasks;

namespace DAL
{
    public class DbContador : IDisposable
    {
        public IEnumerable<Contador> Listar()
        {
            using (OracleConnection cnn = new OracleConnection(Properties.Settings.Default.ConnectionString))
            {
                return cnn.Query<Contador>("Select * from CAD_CONTADOR");
            }
        }

        public Contador Seleccionar(decimal SQ_CONTADOR)
        {
            using (OracleConnection cnn = new OracleConnection(Properties.Settings.Default.ConnectionString))
            {
                return cnn.QueryFirstOrDefault<Contador>("Select * from CAD_CONTADOR Where SQ_CONTADOR=:SQ_CONTADOR ", new { SQ_CONTADOR = SQ_CONTADOR });
            }
        }

        public IEnumerable<Contribuyente> RetornaContribuyentePorContador(decimal SQ_CONTADOR)
        {
            using (OracleConnection cnn = new OracleConnection(Properties.Settings.Default.ConnectionString))
            {
                return cnn.Query<Contribuyente>(@"SELECT CM.* FROM
ADM_OBJETOS.CAD_CONTRIBUYENTE_MUNICIPAL CM
INNER JOIN ADM_OBJETOS.CAD_CONTADOR_CONTRIBUYENTE CC ON
CC.SQ_CONTRIBUYENTE = CM.SQ_CONTRIBUYENTE");
            }
        }
    }
}

```

```

        WHERE CC.SQ_CONTADOR = :SQ_CONTADOR", new { SQ_CONTADOR =
SQ_CONTADOR });
    }
}

public void Incluir(Contador contador)
{
    using (OracleConnection dbConnection = new
OracleConnection(Properties.Settings.Default.ConnectionString))
    {
        dbConnection.Open();

        using (var trn = dbConnection.BeginTransaction())
        {
            try
            {
                dbConnection.Execute(@"INSERT INTO
                                CAD_CONTADOR
                                (NU_CRC,
                                NM_CONTADOR,
                                NM_LOGRADOURO,
                                NU_LOGRADOURO,
                                NM_COMPLEMENTO,
                                NU_CEP,
                                NM_BAIRRO,
                                NU_TELEFONE,
                                NM_EMAIL_COMERCIAL)
                                VALUES
                                (:NU_CRC,
                                :NM_CONTADOR,
                                :NM_LOGRADOURO,
                                :NU_LOGRADOURO,
                                :NM_COMPLEMENTO,
                                :NU_CEP,
                                :NM_BAIRRO,
                                :NU_TELEFONE,
                                :NM_EMAIL_COMERCIAL)", contador, trn);

                trn.Commit();
            }
            catch
            {
                trn.Rollback();

                throw;
            }
        }
    }
}

```

```

}

public void Atualizar(Contador contador)
{
    using (OracleConnection dbConnection = new
OracleConnection(Properties.Settings.Default.ConnectionString))
    {
        dbConnection.Open();

        using (var trn = dbConnection.BeginTransaction())
        {
            try
            {
                dbConnection.Execute(@"
                    UPDATE CAD_CONTADOR SET
                    NU_CRC = :NU_CRC,
                    NM_CONTADOR = :NM_CONTADOR
                    NM_LOGRADOURO = :NM_LOGRADOURO,
                    NU_LOGRADOURO = :NU_LOGRADOURO,
                    NM_COMPLEMENTO = :NM_COMPLEMENTO,
                    NU_CEP = :NU_CEP,
                    NM_BAIRRO = :NM_BAIRRO,
                    NU_TELEFONE = :NU_TELEFONE,
                    NM_EMAIL_COMERCIAL : NM_EMAIL_COMERCIAL
                    WHERE SQ_CONTADOR = :SQ_CONTADOR", contador, trn);

                trn.Commit();
            }
            catch
            {
                trn.Rollback();
                throw;
            }
        }
    }
}

public void Excluir(decimal SQ_CONTADOR)
{
    using (OracleConnection dbConnection = new
OracleConnection(Properties.Settings.Default.ConnectionString))
    {
        dbConnection.Open();

        using (var trn = dbConnection.BeginTransaction())
        {
            try
            {
                dbConnection.Execute(@"DELETE FROM CAD_CONTADOR_CONTRIBUINTE WHERE
SQ_CONTADOR = :SQ_CONTADOR", new { SQ_CONTADOR = SQ_CONTADOR }, trn);

```

```
        dbConnection.Execute(@"DELETE FROM CAD_CONTADOR WHERE SQ_CONTADOR =
:SQ_CONTADOR", new { SQ_CONTADOR = SQ_CONTADOR }, trn);
```

```
        trn.Commit();
```

```
    }
```

```
    catch (Exception e)
```

```
    {
```

```
        trn.Rollback();
```

```
        throw e;
```

```
    }
```

```
 }
```

```
 }
```

```
 }
```

```
#region IDisposable Support
```

```
private bool disposedValue = false; // To detect redundant calls
```

```
protected virtual void Dispose(bool disposing)
```

```
{
```

```
    if (!disposedValue)
```

```
    {
```

```
        if (disposing)
```

```
        {
```

```
            GC.Collect();
```

```
        }
```

```
        disposedValue = true;
```

```
    }
```

```
}
```

```
public void Dispose()
```

```
{
```

```
    Dispose(true);
```

```
    GC.SuppressFinalize(this);
```

```
}
```

```
#endregion
```

```
}
```

```
}
```

```
DAL.csproj
```

```
<?xml version="1.0" encoding="utf-8"?>
```

```
<Project ToolsVersion="14.0" DefaultTargets="Build" xmlns="http://schemas.microsoft.com/developer/msbuild/2003">
```

```
  <Import Project="$(MSBuildExtensionsPath)\$(MSBuildToolsVersion)\Microsoft.Common.props"
```

```
  Condition="Exists('$(MSBuildExtensionsPath)\$(MSBuildToolsVersion)\Microsoft.Common.props')"/>
```

```
  <PropertyGroup>
```

```

<Configuration Condition=" '$(Configuration)' == " ">Debug</Configuration>
<Platform Condition=" '$(Platform)' == " ">AnyCPU</Platform>
<ProjectGuid>{39F1C046-4D47-42E9-9E3B-552D80AC63C7}</ProjectGuid>
<OutputType>Library</OutputType>
<AppDesignerFolder>Properties</AppDesignerFolder>
<RootNamespace>DAL</RootNamespace>
<AssemblyName>DAL</AssemblyName>
<TargetFrameworkVersion>v4.5.2</TargetFrameworkVersion>
<FileAlignment>512</FileAlignment>
</PropertyGroup>
<PropertyGroup Condition=" '$(Configuration)|$(Platform)' == 'Debug|AnyCPU' ">
  <DebugSymbols>>true</DebugSymbols>
  <DebugType>full</DebugType>
  <Optimize>>false</Optimize>
  <OutputPath>bin\Debug\</OutputPath>
  <DefineConstants>DEBUG;TRACE</DefineConstants>
  <ErrorReport>prompt</ErrorReport>
  <WarningLevel>4</WarningLevel>
</PropertyGroup>
<PropertyGroup Condition=" '$(Configuration)|$(Platform)' == 'Release|AnyCPU' ">
  <DebugType>pdbonly</DebugType>
  <Optimize>>true</Optimize>
  <OutputPath>bin\Release\</OutputPath>
  <DefineConstants>TRACE</DefineConstants>
  <ErrorReport>prompt</ErrorReport>
  <WarningLevel>4</WarningLevel>
</PropertyGroup>
<ItemGroup>
  <Reference Include="Dapper, Version=1.50.2.0, Culture=neutral, processorArchitecture=MSIL">
    <HintPath>..\packages\Dapper.1.50.2\lib\net451\Dapper.dll</HintPath>
    <Private>True</Private>
  </Reference>
  <Reference Include="Oracle.ManagedDataAccess, Version=4.121.2.0, Culture=neutral,
PublicKeyToken=89b483f429c47342, processorArchitecture=MSIL" />
  <Reference Include="System" />
  <Reference Include="System.ComponentModel.DataAnnotations" />
  <Reference Include="System.Configuration" />
  <Reference Include="System.Core" />
  <Reference Include="System.Data.DataSetExtensions" />
  <Reference Include="System.Data.Entity" />
  <Reference Include="System.DirectoryServices.Protocols" />
  <Reference Include="System.Drawing" />
  <Reference Include="System.EnterpriseServices" />
  <Reference Include="System.Runtime.Serialization" />
  <Reference Include="System.Security" />
  <Reference Include="System.Transactions" />
  <Reference Include="System.Xml.Linq" />
  <Reference Include="Microsoft.CSharp" />
  <Reference Include="System.Data" />
  <Reference Include="System.Net.Http" />
  <Reference Include="System.Xml" />

```



```

</ItemGroup>
<ItemGroup>
  <Compile Include="DbContador.cs" />
  <Compile Include="DbGIM.cs" />
  <Compile Include="DbInformativoFiscal.cs" />
  <Compile Include="DbPrefeitura.cs" />
  <Compile Include="DbUsuario.cs" />
  <Compile Include="OracleDynamicParameters.cs" />
  <Compile Include="Properties\AssemblyInfo.cs" />
  <Compile Include="Properties\Settings.Designer.cs">
    <AutoGen>True</AutoGen>
    <DesignTimeSharedInput>True</DesignTimeSharedInput>
    <DependentUpon>Settings.settings</DependentUpon>
  </Compile>
</ItemGroup>
<ItemGroup>
  <None Include="app.config" />
  <None Include="packages.config" />
  <None Include="Properties\Settings.settings">
    <Generator>SettingsSingleFileGenerator</Generator>
    <LastGenOutput>Settings.Designer.cs</LastGenOutput>
  </None>
</ItemGroup>
<ItemGroup>
  <Content Include="Libraries\Oracle.DataAccess.dll" />
  <Content Include="Libraries\Oracle.ManagedDataAccess.dll" />
</ItemGroup>
<ItemGroup>
  <Service Include="{508349B6-6B84-4DF5-91F0-309BEEBAD82D}" />
</ItemGroup>
<ItemGroup>
  <ProjectReference Include="..\framework\Framework.csproj">
    <Project>{CDA58391-12ED-4F44-A5A5-2159727B6A2A}</Project>
    <Name>Framework</Name>
  </ProjectReference>
  <ProjectReference Include="..\presenter\Dominio.csproj">
    <Project>{0373cb03-5c3d-4246-aa2c-34d66f244ff2}</Project>
    <Name>Dominio</Name>
  </ProjectReference>
</ItemGroup>
<Import Project="$(MSBuildToolsPath)\Microsoft.CSharp.targets" />
<!-- To modify your build process, add your task inside one of the targets below and uncomment it.
     Other similar extension points exist, see Microsoft.Common.targets.
<Target Name="BeforeBuild">
</Target>
<Target Name="AfterBuild">
</Target>
-->
</Project>
DAL.dll.config
<?xml version="1.0" encoding="utf-8"?>

```

```

<configuration>
  <configSections>
    <!-- For more information on Entity Framework configuration, visit http://go.microsoft.com/fwlink/?LinkID=237468 -->
    <section name="entityFramework" type="System.Data.Entity.Internal.ConfigFile.EntityFrameworkSection,
EntityFramework, Version=6.0.0.0, Culture=neutral, PublicKeyToken=b77a5c561934e089" requirePermission="false"
/>
  </configSections>
  <connectionStrings>
    <add name="dal.Properties.Settings.ConnectionString" connectionString="DATA
SOURCE=201.76.148.38:1521/GENIPABU;PASSWORD=Solucao!2016*2017;USER ID=DEVELOPER"
providerName="Oracle.ManagedDataAccess.Client" />
    <add name="Entities"
connectionString="metadata=res://*/Model1.csdl|res://*/Model1.ssdl|res://*/Model1.msl;provider=Oracle.ManagedData
Access.Client;provider connection string=&quot;DATA
SOURCE=201.76.148.38:1521/GENIPABU;PASSWORD=Solucao!2016*2017;USER ID=DEVELOPER&quot;"
providerName="System.Data.EntityClient" />
  </connectionStrings>
  <entityFramework>
    <defaultConnectionFactory type="System.Data.Entity.Infrastructure.LocalDbConnectionFactory, EntityFramework">
      <parameters>
        <parameter value="mssqllocaldb" />
      </parameters>
    </defaultConnectionFactory>
    <providers>
      <provider invariantName="System.Data.SqlClient" type="System.Data.Entity.SqlServer.SqlProviderServices,
EntityFramework.SqlServer" />
    </providers>
  </entityFramework>
</configuration>
app.config
<?xml version="1.0" encoding="utf-8"?>
<configuration>
  <configSections>
    <!-- For more information on Entity Framework configuration, visit http://go.microsoft.com/fwlink/?LinkID=237468 -->
    <section name="entityFramework" type="System.Data.Entity.Internal.ConfigFile.EntityFrameworkSection,
EntityFramework, Version=6.0.0.0, Culture=neutral, PublicKeyToken=b77a5c561934e089" requirePermission="false"
/>
  </configSections>
  <connectionStrings>
    <add name="dal.Properties.Settings.ConnectionString" connectionString="DATA
SOURCE=201.76.148.38:1521/GENIPABU;PASSWORD=Solucao!2016*2017;USER ID=DEVELOPER"
providerName="Oracle.ManagedDataAccess.Client" />
    <add name="Entities"
connectionString="metadata=res://*/Model1.csdl|res://*/Model1.ssdl|res://*/Model1.msl;provider=Oracle.ManagedData
Access.Client;provider connection string=&quot;DATA
SOURCE=201.76.148.38:1521/GENIPABU;PASSWORD=Solucao!2016*2017;USER ID=DEVELOPER&quot;"
providerName="System.Data.EntityClient" />
  </connectionStrings>
  <entityFramework>
    <defaultConnectionFactory type="System.Data.Entity.Infrastructure.LocalDbConnectionFactory, EntityFramework">
      <parameters>

```

```

        <parameter value="mssqllocaldb" />
    </parameters>
</defaultConnectionFactory>
<providers>
    <provider invariantName="System.Data.SqlClient" type="System.Data.Entity.SqlServer.SqlProviderServices,
EntityFramework.SqlServer" />
</providers>
</entityFramework>
</configuration>
PGDAS_Carga_Dados.pc

```

```

/*****/
/* Objetivo   : Carregar Dados do PGDAS                               */
/* Modulo     : PGDAS                                                */
/*****/

```

```

/*****/
#include <stdio.h>
#include <stdlib.h>
#include <time.h>
#include <sys/types.h>
#include <sys/stat.h>
#include <string.h>
#include <dirent.h>
#include <limits.h>
#include <fcntl.h>
#include <errno.h>
#include <math.h>

```

```

/*****/
#include "sqlca.h"
#include "oraca.h"

```

```

EXEC ORACLE OPTION (ORACA=YES);
EXEC ORACLE OPTION (PREFETCH=60000);
/*****/

```

```

#define MAXFILENAME_SIZE 255
#define MAXPROGNAME_SIZE 50

```

```

/*****/
#define DATE_TIME_MASK "%Y/%m/%d %H:%M:%S"
#define DATE_MASK      "%Y/%m/%d"
#define TIME_MASK      "%H:%M:%S"
#define DATE_STR_MASK  "%Y%m"

```

```

#define ErroSQL sqlca.sqlcode
#define NRowsFetched sqlca.sqlerrd[2]
#define NoDataFound 1403

```

```

char *t_mask_ptr = TIME_MASK;
char *dt_mask_ptr = DATE_TIME_MASK;

```

```

char *dt_str_mask_ptr = DATE_STR_MASK;
/*
#define DT_MASK    givemetime(dt_mask_ptr)
#define D_MASK     givemetime(d_mask_ptr)
#define T_MASK     givemetime(t_mask_ptr)
#define DT_STR_MASK givemetime(dt_str_mask_ptr)
*/
/*****/
extern int errno;
char * uppern(char *, int);
char * givemetime(char *);
char log_file [MAXFILENAME_SIZE];
char prog_name[MAXPROGNAME_SIZE];
int formato      = 0;
char S           [4096];
char V           [4096];
char Line [4096];
char Separator[1] = "|";
int Nsq_arquivo  = 0;
int Nsq_registro = 0;
int Nsq_atividade = 0;
int Nsq_filial   = 0;
int Nsq_ativ_rec = 0;
int cd_versao    = 0;
char sql         [255];
int Ord = 0;
char Field[4096];
int FieldSize = 0;
int Pos = 0;
int ctl = 0;
char DataHora    [18];
int nPesquisaArquivo = 0;
char vNomeArquivo [255];
char cmdsolaris  [255];
int resCmd       = 0;
int nTipo        = 0;
int nControleProcesso = 0;
char Status      [05];
char vAux        [03];
char vSubject     [255];
int nEnviaEmailProblema = 0;
int nEnviaEmailOcorrencia= 0;
int EncFimLinha  = 0;
int qt_limite_ultrapassados_pa=0;
char cPassword    [50];
char Vnu_cnpj_matriz[14+1];
char Ncd_municipio[4+1];
char Vid_declaracao[17+1];
char vTipoRegistro[5];

char cNomArquivo[254+1];

```

```

char cTipArquivo[1+1];
char cTipRegistro[19+1];
int nQtdLido = 0;
int nQtdGravado = 0;
char cMsg [255];
int nExecCommit = 0;
int nVersaoPgdasD = 0;
signed int proc_num_pid = 0;
char cStatus [04];
unsigned long int nTotalRegInformado = 0;
unsigned long int ct_lidos = 0;
unsigned long int ct_lidos_contrib = 0;
int nEncMunicipioRN = 0;
int nEncCnpjRN = 0;

/*****/
void ProcessarIdentContribuinte (char *buf_aux);
char *CurrentDateTime (char *DataHora, int formato);
void GravarIdentArquivo (char *buf_aux);
int StatusProcUnixPid(int N);
int CmdUnix (char *tipoParm, int numPid);
void Move_Files_Erro();
void Move_Files();
void Close_Input_Output_Files();
char *mExtractFieldFloatOcorrencias (const char *Line, char *Separator, int Ord, char *Field, int FieldSize);
char *mExtractFieldOcorrencias (const char *Line, char *Separator, int Ord, char *Field, int FieldSize);
char *mExtractFieldFloat (const char *Line, char *Separator, int Ord, char *Field, int FieldSize);
char *mExtractField (const char *Line, char *Separator, int Ord, char *Field, int FieldSize);
void ProcessarRegistros();
void Get_Password();
/*****/
char prog_name[MAXPROGNAME_SIZE];

struct dirent *p = NULL;

char input_file_name [MAXFILENAME_SIZE];
char proc_input_file_name [MAXFILENAME_SIZE];
char erro_input_file_name [MAXFILENAME_SIZE];
char controle_file_name [MAXFILENAME_SIZE];
char log_file [MAXFILENAME_SIZE];
char prog_name [MAXPROGNAME_SIZE];
char file_email [MAXPROGNAME_SIZE];

#define ERRO -1
/*****/
FILE *fp_input = NULL;
FILE *fp_output = NULL;
FILE *fp_controle = NULL;
FILE *fp_problemas_email = NULL;
FILE *fp_ocorrencias_email = NULL;

```

```

/*****/
/* Informacoes sobre o arquivo de log */
/*****/

#define FILE_LOG 0
#define STDOUT_LOG 1
int log_mode = STDOUT_LOG | FILE_LOG;

/*****/
/* Variaveis globais */
/*****/

char *InstanciaBD;
char *usuario;
char *password;

/*****/
int main(int argc, char *argv[])
{

#ifdef VERSAO_PRODUCAO
    char *log_dir = "/sistemas/INCORPORACAO/SIMPLES_NACIONAL/PGDAS/LOG";
    char *in_file_dir = "/sistemas/INCORPORACAO/SIMPLES_NACIONAL/PGDAS/PENDENTE";
    char *base_file_dir = "/sistemas/INCORPORACAO/SIMPLES_NACIONAL/PGDAS/";

    InstanciaBD = "genipabu";
    usuario = "CARGA_PGDAS";
    password = "carga";

#endif

#ifdef VERSAO_TESTE
    char *log_dir = "/sistemas/INCORPORACAO/SIMPLES_NACIONAL/PGDAS/LOG";
    char *in_file_dir = "/sistemas/INCORPORACAO/SIMPLES_NACIONAL/PGDAS/PENDENTE";
    char *base_file_dir = "/sistemas/INCORPORACAO/SIMPLES_NACIONAL/PGDAS/";

    InstanciaBD = "genipabu";
    usuario = "CARGA_PGDAS";
    password = "carga";
#endif

    time_t t_i = 0, t_f = 0, t_c = 0;
    DIR *dp;

    int i = 0;

    /* Abre arquivo de log e grava nele algumas linhas */
    Open_Log(argv[0], log_dir);

    if((dp = opendir(in_file_dir)) == NULL)
    {
        fprintf(stderr, "Falha na abertura do diretorio %s.\nErrno %d \n",

```

```

        in_file_dir, errno);
    exit(1);
}

/* Efetuando conexao com o banco */
printf("=====
=====\\n");

Get_Password();

fprintf(fp_output,"%s - Efetuando conexao com o BD user: %s --> instancia:
%s\\n",CurrentDateTime(DataHora,1),usuario,InstanciaBD);
printf("%s - Efetuando conexao com o BD user: %s --> instancia:
%s\\n",CurrentDateTime(DataHora,1),usuario,InstanciaBD);

if(ConectaBD(usuario, cPassword, InstanciaBD) != 0)
{
    fprintf(fp_output,"%s - Erro ao tentar conexao com o banco de dados - sqlcode =
%d.\\n",CurrentDateTime(DataHora,1),
        sqlca.sqlcode);
    printf("%s - Erro ao tentar conexao com o banco de dados - sqlcode = %d.\\n",CurrentDateTime(DataHora,1),
        sqlca.sqlcode);
    exit(1);
}

fprintf(fp_output,"Conectado ao BD com sucesso.\\n");

sprintf(sql, "ALTER SESSION SET NLS_DATE_FORMAT='YYYYMMDDHH24MISS'");

EXEC SQL EXECUTE IMMEDIATE :sql;

cStatus[0]  = '\\0';

EXEC SQL
select NU_PID,ST_PROCESSO||chr(0)
into  :proc_num_pid,:cStatus
from  adm_objetos.PGDAS_NIGHT_BATCH_QUEUE;

if (strncmp(cStatus,"ON",2)==0)
{
    if (StatusProcUnixPid(proc_num_pid) ==0)
    {
        printf("Existe um processo em execucao!!!.\\n");

        closedir(dp);

        DesconectaBD();

    exit(0);
    }
    else

```

```

{
    proc_num_pid = getpid();

    EXEC SQL
        UPDATE adm_objetos.PGDAS_NIGHT_BATCH_QUEUE
    SET DT_ULT_EXECUCAO = SYSDATE,
        NU_PID      = :proc_num_pid;

    EXEC SQL COMMIT;
}
}
else
{
    if (strncmp(cStatus,"OFF",3)==0)
    {
        proc_num_pid = getpid();

        printf("Processo colocado em execucao - PID: %d .\n",proc_num_pid);

        EXEC SQL
            UPDATE adm_objetos.PGDAS_NIGHT_BATCH_QUEUE
        SET DT_ULT_EXECUCAO = SYSDATE,
            ST_PROCESSO    = 'ON',
            NU_PID        = :proc_num_pid;

        if (sqlca.sqlcode != 0)
        {
            sql_error(sqlca.sqlerrm.sqlerrmc);
        }

        EXEC SQL COMMIT;
    }
    else
    {
        printf("Status do processo em execucao não foi identificado - !!!.\n");
        exit(1);
    }
}

while((p = readdir(dp)) != NULL)
{
    nVersaoPgdasD = 0;
    if(strncmp(p->d_name,"90-0000-PUB-PGDASD",18)==0)
    {
        nVersaoPgdasD = 1;
    }

    if((strncmp(p->d_name,"90-0000-PUB-PGDASD",18)==0)||
(strncmp(p->d_name,"90-0000-PUB-DAS",15)==0)||
(strncmp(p->d_name,"01-1814-DAS",11)==0)||
(strncmp(p->d_name,"01-1810-DAS",11)==0)||
(strncmp(p->d_name,"02-7657-DAS",11)==0) )
    {

```



```

sprintf(input_file_name,"%s/%s", in_file_dir, p->d_name);
sprintf(proc_input_file_name,"%s/PROCESSADO/%s", base_file_dir, p->d_name);
sprintf(erro_input_file_name,"%s/PROBLEMA/%s", base_file_dir, p->d_name);

sprintf(vNomeArquivo,"%s",p->d_name);

sprintf(cNomArquivo,"%s",p->d_name);
sprintf(cTipArquivo,"D");

/* Procura arquivo na tabela */
EXEC SQL
SELECT COUNT(*)
INTO :nPesquisaArquivo
FROM adm_objetos.PGDAS_ARQUIVO_DIGITAL
WHERE NM_ARQUIVO = :vNomeArquivo;

if (sqlca.sqlcode != 0)
{
    sql_error(sqlca.sqlerrm.sqlerrmc);
}

if (nPesquisaArquivo > 0)
{
    Move_Files_Erro();
    fprintf(fp_output,"%s - Arquivo duplicado : %s.\n",CurrentDateTime(DataHora,1),p->d_name);
    fprintf(fp_output,"%s - Arquivo movido p/ directorio erro : %s.\n",CurrentDateTime(DataHora,1),p->d_name);

}
else
{
    fprintf(fp_output,"=====
=====\\n");
    fprintf(fp_output,"Abrindo arquivo de entrada : %s.\n", input_file_name);
    if ((fp_input=fopen(input_file_name,"r")) == NULL)
    {
        fprintf(fp_output,"Erro na abertura do arquivo de entrada %s.\n",input_file_name);
        fprintf(fp_output,"errno = %d .\\n",errno);

        Move_Files_Erro();

    }

    EXEC SQL
    UPDATE adm_objetos.PGDAS_NIGHT_BATCH_QUEUE
    SET ST_PROCESSO = 'OFF';

    EXEC SQL COMMIT;

    DesconectaBD();

    exit(1);
}
else

```

```

{
nTotalRegInformado = 0;
ct_lidos = 0;
    fprintf(fp_output, "%s - Processando arquivo : %s.\n", CurrentDateTime(DataHora,1), input_file_name);
    Processa_Arquivo(in_file_dir);
    Close_Input_Output_Files();
if (nTotalRegInformado == ct_lidos)
{
    Move_Files();
    EXEC SQL COMMIT;
}
else
{
if (nTotalRegInformado > 0)
{
    fprintf(fp_output, "%s - Arquivo processado com sucesso => Numero de linhas do arquivo divergente da quantidade especificada no arquivo (linha ZZZZZ) - Nome Arquivo: %s - Total Reg. Informado : %lu - Total Reg. Lidos: %lu.\n", CurrentDateTime(DataHora,1), p->d_name, nTotalRegInformado, ct_lidos);

    Move_Files();

    sprintf(cMsg, "Arquivo processado com sucesso => Numero de linhas do arquivo divergente da quantidade especificada no arquivo (linha ZZZZZ) - Nome Arquivo: %s - Total Reg. Informado : %lu - Total Reg. Lidos: %lu.\n", p->d_name, nTotalRegInformado, ct_lidos);

    EXEC SQL COMMIT;
}
else
{
    EXEC SQL ROLLBACK;

    fprintf(fp_output, "%s - Erro => Arquivo incompleto movido p/ diretorio erro: %s - TotalRegInformado : %lu - ct_lidos: %lu.\n", CurrentDateTime(DataHora,1), p->d_name, nTotalRegInformado, ct_lidos);

    Move_Files_Erro();

    EXEC SQL COMMIT;
}
}
}
}
}

closedir(dp);

t_f = time(NULL);
t_c = t_f - t_i;

```

```

EXEC SQL
UPDATE adm_objetos.PGDAS_NIGHT_BATCH_QUEUE
SET ST_PROCESSO = 'OFF';

EXEC SQL COMMIT;

DesconectaBD();

sprintf(cmdsolaris,"gzip %s/PROCESSADO/*-PGDAS*.txt", base_file_dir);

resCmd = system(cmdsolaris);

sprintf(cmdsolaris,"gzip %s/PROCESSADO/*-DAS*.txt", base_file_dir);

resCmd = system(cmdsolaris);

exit(0);
}

/*****
/* Funo Gravar Informao Perfil */
*****/
void ProcessarInformPerfil (char *buf_aux)
{
    int cd_receita_principal=0;
    float vl_principal;
    int cd_receita_multa=0;
    float vl_multa;
    int cd_receita_juros=0;
    float vl_juros;
    char sg_uf_icms[10+1];
    int cd_municipio_iss=0;

    cd_receita_principal = atol(mExtractField(buf_aux,Separator,2,Field,FieldSize));
    vl_principal = atof(mExtractFieldFloat(buf_aux,Separator,3,Field,FieldSize));
    cd_receita_multa = atol(mExtractField(buf_aux,Separator,4,Field,FieldSize));
    vl_multa = atof(mExtractFieldFloat(buf_aux,Separator,5,Field,FieldSize));
    cd_receita_juros = atol(mExtractField(buf_aux,Separator,6,Field,FieldSize));
    vl_juros = atof(mExtractFieldFloat(buf_aux,Separator,7,Field,FieldSize));
    strcpy(sg_uf_icms,mExtractField(buf_aux,Separator,8,Field,FieldSize));
    cd_municipio_iss = atol(mExtractField(buf_aux,Separator,9,Field,FieldSize));

    EXEC SQL
    INSERT INTO adm_objetos.PGDAS_04000_PERFIL
    (sq_arquivo,
    sq_registro,
    cd_receita_principal,
    vl_principal,
    cd_receita_multa,
    vl_multa,
    cd_receita_juros,

```

```

        vl_juros,
        sg_uf_icms,
            cd_municipio_iss)
VALUES (:Nsq_arquivo,
        :Nsq_registro,
        :cd_receita_principal,
        :vl_principal,
        :cd_receita_multa,
        :vl_multa,
        :cd_receita_juros,
        :vl_juros,
        :sg_uf_icms,
            :cd_municipio_iss);

if (sqlca.sqlcode != 0)
{
    fprintf(fp_output,"%s - erro INSERT INTO PGDAS_04000_PERFIL.\n",CurrentDateTime(DataHora,1));
    sql_error(sqlca.sqlerrm.sqlerrmc);
}

}

/*****
/* Funo Gravar Informao Folha de Salario */
*****/

void ProcessarInformFolhaSalario (char *buf_aux)
{
    int nu_periodo_apuracao = 0;
    float vl_pago_folha_salario = 0;
    int y = 1;
    int x = 0;

    EncFimLinha = 0;

    while (EncFimLinha == 0) {
        y++;
        x++;
        if (x == 1)
        {
            nu_periodo_apuracao = atol(mExtractFieldOcorrencias(buf_aux,Separator,y,Field,FieldSize));
        }
        else
        {
            if (x == 2)
            {
                vl_pago_folha_salario = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
                x = 0;
            }
        }
    }

    EXEC SQL
    INSERT INTO adm_objetos.PGDAS_03500_FOLHA_SALARIO
    (sq_arquivo, sq_registro, nu_periodo_apuracao, vl_pago_folha_salario)
    VALUES (:Nsq_arquivo,:Nsq_registro,:nu_periodo_apuracao,:vl_pago_folha_salario);

```

```

if (sqlca.sqlcode != 0)
{
    fprintf(fp_output,"%s - erro INSERT INTO PGDAS_03500_FOLHA_SALARIO.\n",CurrentDateTime(DataHora,1));
    sql_error(sqlca.sqlerrm.sqlerrmc);
}

}

}

}

}

```

```

/*****/
/* Funo Gravar Informao Reducao Receita Atividade Faixa C */
/*****/

```

```

void ProcessarInformReducaoReceitaAtivFxC (char *buf_aux)

```

```

{
    float vl_aliq_apurada_ativ;
    float pc_aliq_apurada_cofins;
    float vl_apurado_cofins;
    float pc_aliq_apurada_csll;
    float vl_apurado_csll;
    float pc_aliq_apurada_icms;
    float vl_apurado_icms;
    float pc_aliq_apurada_inss;
    float vl_apurado_inss;
    float pc_aliq_apurada_ipi;
    float vl_apurado_ipi;
    float pc_aliq_apurada_irpj;
    float vl_apurado_irpj;
    float pc_aliq_apurada_iss;
    float vl_apurado_iss;
    float pc_aliq_apurada_pis;
    float vl_apurado_pis;

    vl_aliq_apurada_ativ      = atof(mExtractFieldFloat(buf_aux,Separator,2,Field,FieldSize));
    pc_aliq_apurada_cofins    = atof(mExtractFieldFloat(buf_aux,Separator,3,Field,FieldSize));
    vl_apurado_cofins         = atof(mExtractFieldFloat(buf_aux,Separator,4,Field,FieldSize));
    pc_aliq_apurada_csll      = atof(mExtractFieldFloat(buf_aux,Separator,5,Field,FieldSize));
    vl_apurado_csll           = atof(mExtractFieldFloat(buf_aux,Separator,6,Field,FieldSize));
    pc_aliq_apurada_icms      = atof(mExtractFieldFloat(buf_aux,Separator,7,Field,FieldSize));
    vl_apurado_icms           = atof(mExtractFieldFloat(buf_aux,Separator,8,Field,FieldSize));
    pc_aliq_apurada_inss      = atof(mExtractFieldFloat(buf_aux,Separator,9,Field,FieldSize));
    vl_apurado_inss           = atof(mExtractFieldFloat(buf_aux,Separator,10,Field,FieldSize));
    pc_aliq_apurada_ipi       = atof(mExtractFieldFloat(buf_aux,Separator,11,Field,FieldSize));
    vl_apurado_ipi            = atof(mExtractFieldFloat(buf_aux,Separator,12,Field,FieldSize));
    pc_aliq_apurada_irpj      = atof(mExtractFieldFloat(buf_aux,Separator,13,Field,FieldSize));
    vl_apurado_irpj           = atof(mExtractFieldFloat(buf_aux,Separator,14,Field,FieldSize));
    pc_aliq_apurada_iss       = atof(mExtractFieldFloat(buf_aux,Separator,15,Field,FieldSize));

```

```

vl_apurado_iss          = atof(mExtractFieldFloat(buf_aux,Separator,16,Field,FieldSize));
pc_aliq_apurada_pis     = atof(mExtractFieldFloat(buf_aux,Separator,17,Field,FieldSize));
vl_apurado_pis          = atof(mExtractFieldFloat(buf_aux,Separator,18,Field,FieldSize));

```

#### EXEC SQL

```

INSERT INTO adm_objetos.pgdas_03132_red_rec_ativ_fx_c
(
sq_arquivo,
sq_registro,
sq_atividade,
sq_filial,
vl_aliq_apurada_ativ,
pc_aliq_apurada_cofins,
vl_apurado_cofins,
pc_aliq_apurada_csll,
vl_apurado_csll,
pc_aliq_apurada_icms,
vl_apurado_icms,
pc_aliq_apurada_inss,
vl_apurado_inss,
pc_aliq_apurada_ipi,
vl_apurado_ipi,
pc_aliq_apurada_irpj,
vl_apurado_irpj,
pc_aliq_apurada_iss,
vl_apurado_iss,
pc_aliq_apurada_pis,
vl_apurado_pis
)
VALUES (
:Nsq_arquivo,
:Nsq_registro,
:Nsq_atividade,
:Nsq_filial,
:vl_aliq_apurada_ativ,
:pc_aliq_apurada_cofins,
:vl_apurado_cofins,
:pc_aliq_apurada_csll,
:vl_apurado_csll,
:pc_aliq_apurada_icms,
:vl_apurado_icms,
:pc_aliq_apurada_inss,
:vl_apurado_inss,
:pc_aliq_apurada_ipi,
:vl_apurado_ipi,
:pc_aliq_apurada_irpj,
:vl_apurado_irpj,
:pc_aliq_apurada_iss,
:vl_apurado_iss,
:pc_aliq_apurada_pis,
:vl_apurado_pis

```

```

);

if (sqlca.sqlcode != 0)
{
    fprintf(fp_output,"%s - erro INSERT INTO pgdas_03132_red_rec_ativ_fx_c .\n",CurrentDateTime(DataHora,1));
    sql_error(sqlca.sqlerrm.sqlerrmc);
}

}

/*****
/* Funo Gravar Informao Isencao Atividade Faixa C */
*****/

void ProcessarInformIsencaoAtividadeFxC (char *buf_aux)
{
    float vl_aliq_apurada_ativ;
    float pc_aliq_apurada_cofins;
    float vl_apurado_cofins;
    float pc_aliq_apurada_csll;
    float vl_apurado_csll;
    float pc_aliq_apurada_icms;
    float vl_apurado_icms;
    float pc_aliq_apurada_inss;
    float vl_apurado_inss;
    float pc_aliq_apurada_ipi;
    float vl_apurado_ipi;
    float pc_aliq_apurada_irpj;
    float vl_apurado_irpj;
    float pc_aliq_apurada_iss;
    float vl_apurado_iss;
    float pc_aliq_apurada_pis;
    float vl_apurado_pis;

    vl_aliq_apurada_ativ      = atof(mExtractFieldFloat(buf_aux,Separator,2,Field,FieldSize));
    pc_aliq_apurada_cofins    = atof(mExtractFieldFloat(buf_aux,Separator,3,Field,FieldSize));
    vl_apurado_cofins         = atof(mExtractFieldFloat(buf_aux,Separator,4,Field,FieldSize));
    pc_aliq_apurada_csll      = atof(mExtractFieldFloat(buf_aux,Separator,5,Field,FieldSize));
    vl_apurado_csll          = atof(mExtractFieldFloat(buf_aux,Separator,6,Field,FieldSize));
    pc_aliq_apurada_icms      = atof(mExtractFieldFloat(buf_aux,Separator,7,Field,FieldSize));
    vl_apurado_icms           = atof(mExtractFieldFloat(buf_aux,Separator,8,Field,FieldSize));
    pc_aliq_apurada_inss      = atof(mExtractFieldFloat(buf_aux,Separator,9,Field,FieldSize));
    vl_apurado_inss           = atof(mExtractFieldFloat(buf_aux,Separator,10,Field,FieldSize));
    pc_aliq_apurada_ipi       = atof(mExtractFieldFloat(buf_aux,Separator,11,Field,FieldSize));
    vl_apurado_ipi            = atof(mExtractFieldFloat(buf_aux,Separator,12,Field,FieldSize));
    pc_aliq_apurada_irpj      = atof(mExtractFieldFloat(buf_aux,Separator,13,Field,FieldSize));
    vl_apurado_irpj           = atof(mExtractFieldFloat(buf_aux,Separator,14,Field,FieldSize));
    pc_aliq_apurada_iss       = atof(mExtractFieldFloat(buf_aux,Separator,15,Field,FieldSize));
    vl_apurado_iss            = atof(mExtractFieldFloat(buf_aux,Separator,16,Field,FieldSize));
    pc_aliq_apurada_pis       = atof(mExtractFieldFloat(buf_aux,Separator,17,Field,FieldSize));
    vl_apurado_pis            = atof(mExtractFieldFloat(buf_aux,Separator,18,Field,FieldSize));

```

EXEC SQL

```

INSERT INTO adm_objetos.pgdas_03131_isencao_ativ_fx_c
(
    sq_arquivo,
sq_registro,
    sq_atividade,
    sq_filial,
        vl_aliq_apurada_ativ,
pc_aliq_apurada_cofins,
vl_apurado_cofins,
pc_aliq_apurada_csll,
vl_apurado_csll,
pc_aliq_apurada_icms,
vl_apurado_icms,
pc_aliq_apurada_inss,
vl_apurado_inss,
pc_aliq_apurada_ipi,
vl_apurado_ipi,
pc_aliq_apurada_irpj,
vl_apurado_irpj,
pc_aliq_apurada_iss,
vl_apurado_iss,
pc_aliq_apurada_pis,
vl_apurado_pis
)
VALUES (
:Nsq_arquivo,
:Nsq_registro,
:Nsq_atividade,
:Nsq_filial,
        :vl_aliq_apurada_ativ,
:pc_aliq_apurada_cofins,
:vl_apurado_cofins,
:pc_aliq_apurada_csll,
:vl_apurado_csll,
:pc_aliq_apurada_icms,
:vl_apurado_icms,
:pc_aliq_apurada_inss,
:vl_apurado_inss,
:pc_aliq_apurada_ipi,
:vl_apurado_ipi,
:pc_aliq_apurada_irpj,
:vl_apurado_irpj,
:pc_aliq_apurada_iss,
:vl_apurado_iss,
:pc_aliq_apurada_pis,
:vl_apurado_pis
);

if (sqlca.sqlcode != 0)
{
    fprintf(fp_output,"%s - erro INSERT INTO pgdas_03131_isencao_ativ_fx_c .\n",CurrentDateTime(DataHora,1));
}

```



```

        sql_error(sqlca.sqlerrm.sqlerrmc);
    }

}

/*****
/*  Funo Gravar Informao Reducao Receita Atividade Faixa B  */
*****/

void ProcessarInformReducaoReceitaAtivFxB (char *buf_aux)
{
    float vl_aliq_apurada_ativ;
    float pc_aliq_apurada_cofins;
    float vl_apurado_cofins;
    float pc_aliq_apurada_csll;
    float vl_apurado_csll;
    float pc_aliq_apurada_icms;
    float vl_apurado_icms;
    float pc_aliq_apurada_inss;
    float vl_apurado_inss;
    float pc_aliq_apurada_ipi;
    float vl_apurado_ipi;
    float pc_aliq_apurada_irpj;
    float vl_apurado_irpj;
    float pc_aliq_apurada_iss;
    float vl_apurado_iss;
    float pc_aliq_apurada_pis;
    float vl_apurado_pis;

    vl_aliq_apurada_ativ      = atof(mExtractFieldFloat(buf_aux,Separator,2,Field,FieldSize));
    pc_aliq_apurada_cofins    = atof(mExtractFieldFloat(buf_aux,Separator,3,Field,FieldSize));
    vl_apurado_cofins        = atof(mExtractFieldFloat(buf_aux,Separator,4,Field,FieldSize));
    pc_aliq_apurada_csll     = atof(mExtractFieldFloat(buf_aux,Separator,5,Field,FieldSize));
    vl_apurado_csll         = atof(mExtractFieldFloat(buf_aux,Separator,6,Field,FieldSize));
    pc_aliq_apurada_icms     = atof(mExtractFieldFloat(buf_aux,Separator,7,Field,FieldSize));
    vl_apurado_icms         = atof(mExtractFieldFloat(buf_aux,Separator,8,Field,FieldSize));
    pc_aliq_apurada_inss     = atof(mExtractFieldFloat(buf_aux,Separator,9,Field,FieldSize));
    vl_apurado_inss         = atof(mExtractFieldFloat(buf_aux,Separator,10,Field,FieldSize));
    pc_aliq_apurada_ipi      = atof(mExtractFieldFloat(buf_aux,Separator,11,Field,FieldSize));
    vl_apurado_ipi          = atof(mExtractFieldFloat(buf_aux,Separator,12,Field,FieldSize));
    pc_aliq_apurada_irpj     = atof(mExtractFieldFloat(buf_aux,Separator,13,Field,FieldSize));
    vl_apurado_irpj         = atof(mExtractFieldFloat(buf_aux,Separator,14,Field,FieldSize));
    pc_aliq_apurada_iss      = atof(mExtractFieldFloat(buf_aux,Separator,15,Field,FieldSize));
    vl_apurado_iss          = atof(mExtractFieldFloat(buf_aux,Separator,16,Field,FieldSize));
    pc_aliq_apurada_pis      = atof(mExtractFieldFloat(buf_aux,Separator,17,Field,FieldSize));
    vl_apurado_pis          = atof(mExtractFieldFloat(buf_aux,Separator,18,Field,FieldSize));

    EXEC SQL
        INSERT INTO adm_objetos.pgdas_03122_red_rec_ativ_fx_b
    (
        sq_arquivo,
        sq_registro,
        sq_atividade,

```

```

sq_filial,
vl_aliq_apurada_ativ,
pc_aliq_apurada_cofins,
vl_apurado_cofins,
pc_aliq_apurada_csll,
vl_apurado_csll,
pc_aliq_apurada_icms,
vl_apurado_icms,
pc_aliq_apurada_inss,
vl_apurado_inss,
pc_aliq_apurada_ipi,
vl_apurado_ipi,
pc_aliq_apurada_irpj,
vl_apurado_irpj,
pc_aliq_apurada_iss,
vl_apurado_iss,
pc_aliq_apurada_pis,
vl_apurado_pis
)
VALUES (
:Nsq_arquivo,
:Nsq_registro,
:Nsq_atividade,
:Nsq_filial,
:vl_aliq_apurada_ativ,
:pc_aliq_apurada_cofins,
:vl_apurado_cofins,
:pc_aliq_apurada_csll,
:vl_apurado_csll,
:pc_aliq_apurada_icms,
:vl_apurado_icms,
:pc_aliq_apurada_inss,
:vl_apurado_inss,
:pc_aliq_apurada_ipi,
:vl_apurado_ipi,
:pc_aliq_apurada_irpj,
:vl_apurado_irpj,
:pc_aliq_apurada_iss,
:vl_apurado_iss,
:pc_aliq_apurada_pis,
:vl_apurado_pis
);

if (sqlca.sqlcode != 0)
{
    fprintf(fp_output,"%s - erro INSERT INTO pgdas_03122_red_rec_ativ_fx_b .\n",CurrentDateTime(DataHora,1));
    sql_error(sqlca.sqlerrm.sqlerrmc);
}

}

/*****/

```

```
/* Funo Gravar Informao Isencao Atividade Faixa B */
```

```
/******
```

```
void ProcessarInformIsencaoAtividadeFxB (char *buf_aux)
```

```
{
```

```
float vl_aliq_apurada_ativ;
```

```
float pc_aliq_apurada_cofins;
```

```
float vl_apurado_cofins;
```

```
float pc_aliq_apurada_csll;
```

```
float vl_apurado_csll;
```

```
float pc_aliq_apurada_icms;
```

```
float vl_apurado_icms;
```

```
float pc_aliq_apurada_inss;
```

```
float vl_apurado_inss;
```

```
float pc_aliq_apurada_ipi;
```

```
float vl_apurado_ipi;
```

```
float pc_aliq_apurada_irpj;
```

```
float vl_apurado_irpj;
```

```
float pc_aliq_apurada_iss;
```

```
float vl_apurado_iss;
```

```
float pc_aliq_apurada_pis;
```

```
float vl_apurado_pis;
```

```
vl_aliq_apurada_ativ = atof(mExtractFieldFloat(buf_aux,Separator,2,Field,FieldSize));
```

```
pc_aliq_apurada_cofins = atof(mExtractFieldFloat(buf_aux,Separator,3,Field,FieldSize));
```

```
vl_apurado_cofins = atof(mExtractFieldFloat(buf_aux,Separator,4,Field,FieldSize));
```

```
pc_aliq_apurada_csll = atof(mExtractFieldFloat(buf_aux,Separator,5,Field,FieldSize));
```

```
vl_apurado_csll = atof(mExtractFieldFloat(buf_aux,Separator,6,Field,FieldSize));
```

```
pc_aliq_apurada_icms = atof(mExtractFieldFloat(buf_aux,Separator,7,Field,FieldSize));
```

```
vl_apurado_icms = atof(mExtractFieldFloat(buf_aux,Separator,8,Field,FieldSize));
```

```
pc_aliq_apurada_inss = atof(mExtractFieldFloat(buf_aux,Separator,9,Field,FieldSize));
```

```
vl_apurado_inss = atof(mExtractFieldFloat(buf_aux,Separator,10,Field,FieldSize));
```

```
pc_aliq_apurada_ipi = atof(mExtractFieldFloat(buf_aux,Separator,11,Field,FieldSize));
```

```
vl_apurado_ipi = atof(mExtractFieldFloat(buf_aux,Separator,12,Field,FieldSize));
```

```
pc_aliq_apurada_irpj = atof(mExtractFieldFloat(buf_aux,Separator,13,Field,FieldSize));
```

```
vl_apurado_irpj = atof(mExtractFieldFloat(buf_aux,Separator,14,Field,FieldSize));
```

```
pc_aliq_apurada_iss = atof(mExtractFieldFloat(buf_aux,Separator,15,Field,FieldSize));
```

```
vl_apurado_iss = atof(mExtractFieldFloat(buf_aux,Separator,16,Field,FieldSize));
```

```
pc_aliq_apurada_pis = atof(mExtractFieldFloat(buf_aux,Separator,17,Field,FieldSize));
```

```
vl_apurado_pis = atof(mExtractFieldFloat(buf_aux,Separator,18,Field,FieldSize));
```

```
EXEC SQL
```

```
INSERT INTO adm_objetos.pgdas_03121_isencao_ativ_fx_b
```

```
(
```

```
sq_arquivo,
```

```
sq_registro,
```

```
sq_atividade,
```

```
sq_filial,
```

```
vl_aliq_apurada_ativ,
```

```
pc_aliq_apurada_cofins,
```

```
vl_apurado_cofins,
```

```
pc_aliq_apurada_csll,
```

```

vl_apurado_csll,
pc_aliq_apurada_icms,
vl_apurado_icms,
pc_aliq_apurada_inss,
vl_apurado_inss,
pc_aliq_apurada_ipi,
vl_apurado_ipi,
pc_aliq_apurada_irpj,
vl_apurado_irpj,
pc_aliq_apurada_iss,
vl_apurado_iss,
pc_aliq_apurada_pis,
vl_apurado_pis
    )
VALUES      (
    :Nsq_arquivo,
    :Nsq_registro,
    :Nsq_atividade,
    :Nsq_filial,
    :vl_aliq_apurada_ativ,
:pc_aliq_apurada_cofins,
:vl_apurado_cofins,
:pc_aliq_apurada_csll,
:vl_apurado_csll,
:pc_aliq_apurada_icms,
:vl_apurado_icms,
:pc_aliq_apurada_inss,
:vl_apurado_inss,
:pc_aliq_apurada_ipi,
:vl_apurado_ipi,
:pc_aliq_apurada_irpj,
:vl_apurado_irpj,
:pc_aliq_apurada_iss,
:vl_apurado_iss,
:pc_aliq_apurada_pis,
:vl_apurado_pis
    );

if (sqlca.sqlcode != 0)
{
    fprintf(fp_output,"%s - erro INSERT INTO pgdas_03121_isencao_ativ_fx_b .\n",CurrentDateTime(DataHora,1));
    sql_error(sqlca.sqlerrm.sqlerrmc);
}

}

/*****/
/*  Funo Gravar Informao Reducao Receita Atividade Faixa A */
/*****/

void ProcessarInformReducaoReceitaAtivFx (char *buf_aux)
{
    float vl_receita_atividade;

```

```
float pc_reducao_icms_iss;
float vl_somatorio_aliquotas;
float vl_imposto;
float pc_aliq_apurada_cofins;
float vl_apurado_cofins;
float pc_aliq_apurada_csll;
float vl_apurado_csll;
float pc_aliq_apurada_icms;
float vl_apurado_icms;
float pc_aliq_apurada_inss;
float vl_apurado_inss;
float pc_aliq_apurada_ipi;
float vl_apurado_ipi;
float pc_aliq_apurada_irpj;
float vl_apurado_irpj;
float pc_aliq_apurada_iss;
float vl_apurado_iss;
float pc_aliq_apurada_pis;
float vl_apurado_pis;
float vl_diferenca_imposto;
int  nu_maior_tributo;
char BuscaString[100];
```

```
float vl_somatorio_aliquotas_b = 0;
float pc_aliq_apurada_cofins_b = 0;
float vl_apurado_cofins_b      = 0;
float pc_aliq_apurada_csll_b   = 0;
float vl_apurado_csll_b        = 0;
float pc_aliq_apurada_icms_b   = 0;
float vl_apurado_icms_b        = 0;
float pc_aliq_apurada_inss_b   = 0;
float vl_apurado_inss_b        = 0;
float pc_aliq_apurada_ipi_b    = 0;
float vl_apurado_ipi_b         = 0;
float pc_aliq_apurada_irpj_b   = 0;
float vl_apurado_irpj_b        = 0;
float pc_aliq_apurada_iss_b    = 0;
float vl_apurado_iss_b         = 0;
float pc_aliq_apurada_pis_b    = 0;
float vl_apurado_pis_b         = 0;
```

```
float vl_somatorio_aliquotas_c = 0;
float pc_aliq_apurada_cofins_c = 0;
float vl_apurado_cofins_c      = 0;
float pc_aliq_apurada_csll_c   = 0;
float vl_apurado_csll_c        = 0;
float pc_aliq_apurada_icms_c   = 0;
float vl_apurado_icms_c        = 0;
float pc_aliq_apurada_inss_c   = 0;
float vl_apurado_inss_c        = 0;
float pc_aliq_apurada_ipi_c    = 0;
```

```
float vl_apurado_ipi_c      = 0;
float pc_aliq_apurada_irpj_c = 0;
float vl_apurado_irpj_c     = 0;
float pc_aliq_apurada_iss_c  = 0;
float vl_apurado_iss_c      = 0;
float pc_aliq_apurada_pis_c  = 0;
float vl_apurado_pis_c      = 0;
```

```
int qt_tributos    = 0;
int y              = 1;
int x              = 0;
```

```
if (cd_versao < 120)
{
```

```
    vl_receita_atividade      = atof(mExtractFieldFloat(buf_aux,Separator,2,Field,FieldSize));
```

```
    pc_reducao_icms_iss       = atof(mExtractFieldFloat(buf_aux,Separator,3,Field,FieldSize));
```

```
int y                      = 3;
```

```
if (qt_limite_ultrapassados_pa==0)
```

```
{
    y++;
    vl_somatorio_aliquotas = atof(mExtractFieldFloat(buf_aux,Separator,y,Field,FieldSize));
}
```

```
else
```

```
{
    if (qt_limite_ultrapassados_pa==1)
    {
        y++;
        vl_somatorio_aliquotas = atof(mExtractFieldFloat(buf_aux,Separator,y,Field,FieldSize));
        y++;
        vl_somatorio_aliquotas_b = atof(mExtractFieldFloat(buf_aux,Separator,y,Field,FieldSize));
    }
}
```

```
else
```

```
{
    if (qt_limite_ultrapassados_pa==2)
    {
        y++;
        vl_somatorio_aliquotas = atof(mExtractFieldFloat(buf_aux,Separator,y,Field,FieldSize));
        y++;
        vl_somatorio_aliquotas_b = atof(mExtractFieldFloat(buf_aux,Separator,y,Field,FieldSize));
        y++;
        vl_somatorio_aliquotas_c = atof(mExtractFieldFloat(buf_aux,Separator,y,Field,FieldSize));
    }
}
}
```

```
y++;
```

```
vl_imposto = atof(mExtractFieldFloat(buf_aux,Separator,y,Field,FieldSize));
```

```

y++;
qt_tributos = atol(mExtractFieldFloat(buf_aux,Separator,y,Field,FieldSize));

int i = 0;

char sq_aliquota_tributo[2+1];
float vl_perc_aliq_apurada = 0;
float vl_calculado = 0;

for (x = 0; x <= qt_limite_ultrapassados_pa; x++)
{
    for(i = 1; i <= qt_tributos; i++)
    {
        y++;
        strcpy(sq_aliquota_tributo,mExtractFieldOcorrencias(buf_aux,Separator,y,Field,FieldSize));

        if ((strcmp(sq_aliquota_tributo,"1",2)==0)||(strcmp(sq_aliquota_tributo,"1A",2)==0))
        {
            y++;
            pc_aliq_apurada_irpj = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
            y++;
            vl_apurado_irpj = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
        }
    else
    {
        if ((strcmp(sq_aliquota_tributo,"2",2)==0)||(strcmp(sq_aliquota_tributo,"2A",2)==0))
        {
            y++;
            pc_aliq_apurada_csll = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
            y++;
            vl_apurado_csll = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
        }
    else
    {
        if ((strcmp(sq_aliquota_tributo,"3",2)==0)||(strcmp(sq_aliquota_tributo,"3A",2)==0))
        {
            y++;
            pc_aliq_apurada_cofins = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
            y++;
            vl_apurado_cofins = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
        }
    else
    {
        if ((strcmp(sq_aliquota_tributo,"4",2)==0)||(strcmp(sq_aliquota_tributo,"4A",2)==0))
        {
            y++;
            pc_aliq_apurada_pis = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
            y++;
            vl_apurado_pis = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
        }
    }
}

```

```

else
{
    if ((strcmp(sq_aliquota_tributo,"5",2)==0)|| (strcmp(sq_aliquota_tributo,"5A",2)==0))
    {
        y++;
        pc_aliq_apurada_inss = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
        y++;
        vl_apurado_inss = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
    }
else
{
    if ((strcmp(sq_aliquota_tributo,"6",2)==0)|| (strcmp(sq_aliquota_tributo,"6A",2)==0))
    {
        y++;
        pc_aliq_apurada_icms = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
        y++;
        vl_apurado_icms = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
    }
else
{
    if ((strcmp(sq_aliquota_tributo,"7",2)==0)|| (strcmp(sq_aliquota_tributo,"7A",2)==0))
    {
        y++;
        pc_aliq_apurada_ipi = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
        y++;
        vl_apurado_ipi = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
    }
else
{
    if ((strcmp(sq_aliquota_tributo,"8",2)==0)|| (strcmp(sq_aliquota_tributo,"8A",2)==0))
    {
        y++;
        pc_aliq_apurada_iss = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
        y++;
        vl_apurado_iss = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
    }
    else
    {
        if (strcmp(sq_aliquota_tributo,"1B",2)==0)
        {
            y++;
            pc_aliq_apurada_irpj_b = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
            y++;
            vl_apurado_irpj_b = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
        }
else
{
    if (strcmp(sq_aliquota_tributo,"2B",2)==0)
    {
        y++;
        pc_aliq_apurada_csll_b = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));

```



```

        y++;
        vl_apurado_csll_b = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
    }
else
{
    if (strncmp(sq_aliquota_tributo,"3B",2)==0)
    {
        y++;
        pc_aliq_apurada_cofins_b = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
        y++;
        vl_apurado_cofins_b = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
    }
else
{
    if (strncmp(sq_aliquota_tributo,"4B",2)==0)
    {
        y++;
        pc_aliq_apurada_pis_b = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
        y++;
        vl_apurado_pis_b = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
    }
else
{
    if (strncmp(sq_aliquota_tributo,"5B",2)==0)
    {
        y++;
        pc_aliq_apurada_inss_b = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
        y++;
        vl_apurado_inss_b = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
    }
else
{
    if (strncmp(sq_aliquota_tributo,"6B",2)==0)
    {
        y++;
        pc_aliq_apurada_icms_b = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
        y++;
        vl_apurado_icms_b = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
    }
else
{
    if (strncmp(sq_aliquota_tributo,"7B",2)==0)
    {
        y++;
        pc_aliq_apurada_ipi_b = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
        y++;
        vl_apurado_ipi_b = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
    }
else
{
    if (strncmp(sq_aliquota_tributo,"8B",2)==0)

```

```

    {
        y++;
        pc_aliq_apurada_iss_b = atof(mExtractFieldFloatOcorrencias(buf_aux, Separator, y, Field, FieldSize));
        y++;
        vl_apurado_iss_b = atof(mExtractFieldFloatOcorrencias(buf_aux, Separator, y, Field, FieldSize));
    }
    else
    {
        if (strcmp(sq_aliquota_tributo, "1C", 2) == 0)
        {
            y++;
            pc_aliq_apurada_irpj_c = atof(mExtractFieldFloatOcorrencias(buf_aux, Separator, y, Field, FieldSize));
            y++;
            vl_apurado_irpj_c = atof(mExtractFieldFloatOcorrencias(buf_aux, Separator, y, Field, FieldSize));
        }
    }
    else
    {
        if (strcmp(sq_aliquota_tributo, "2C", 2) == 0)
        {
            y++;
            pc_aliq_apurada_csll_c = atof(mExtractFieldFloatOcorrencias(buf_aux, Separator, y, Field, FieldSize));
            y++;
            vl_apurado_csll_c = atof(mExtractFieldFloatOcorrencias(buf_aux, Separator, y, Field, FieldSize));
        }
    }
    else
    {
        if (strcmp(sq_aliquota_tributo, "3C", 2) == 0)
        {
            y++;
            pc_aliq_apurada_cofins_c = atof(mExtractFieldFloatOcorrencias(buf_aux, Separator, y, Field, FieldSize));
            y++;
            vl_apurado_cofins_c = atof(mExtractFieldFloatOcorrencias(buf_aux, Separator, y, Field, FieldSize));
        }
    }
    else
    {
        if (strcmp(sq_aliquota_tributo, "4C", 2) == 0)
        {
            y++;
            pc_aliq_apurada_pis_c = atof(mExtractFieldFloatOcorrencias(buf_aux, Separator, y, Field, FieldSize));
            y++;
            vl_apurado_pis_c = atof(mExtractFieldFloatOcorrencias(buf_aux, Separator, y, Field, FieldSize));
        }
    }
    else
    {
        if (strcmp(sq_aliquota_tributo, "5C", 2) == 0)
        {
            y++;
            pc_aliq_apurada_inss_c = atof(mExtractFieldFloatOcorrencias(buf_aux, Separator, y, Field, FieldSize));
            y++;
            vl_apurado_inss_c = atof(mExtractFieldFloatOcorrencias(buf_aux, Separator, y, Field, FieldSize));
        }
    }
}

```

```
else
{
    if (strncmp(sq_aliquota_tributo,"6C",2)==0)
    {
        y++;
        pc_aliq_apurada_icms_c = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
        y++;
        vl_apurado_icms_c = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
    }
}
else
{
    if (strncmp(sq_aliquota_tributo,"7C",2)==0)
    {
        y++;
        pc_aliq_apurada_ipi_c = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
        y++;
        vl_apurado_ipi_c = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
    }
}
else
{
    if (strncmp(sq_aliquota_tributo,"8C",2)==0)
    {
        y++;
        pc_aliq_apurada_iss_c = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
        y++;
        vl_apurado_iss_c = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
    }
}
}
```

```

    }

}

    y++;
    vl_diferenca_imposto      = atof(mExtractFieldFloat(buf_aux,Separator,y,Field,FieldSize));
    y++;
    nu_maior_tributo         = atol(mExtractField(buf_aux,Separator,y,Field,FieldSize));

EXEC SQL
INSERT INTO adm_objetos.pgdas_03112_red_rec_ativ_fx_a
(
    sq_arquivo,
    sq_registro,
    sq_atividade,
    sq_filial,
    vl_receita_atividade,
    pc_reducao_icms_iss,
    vl_somatorio_aliquotas,
    vl_imposto,
    pc_aliq_apurada_cofins,
    vl_apurado_cofins,
    pc_aliq_apurada_csll,
    vl_apurado_csll,
    pc_aliq_apurada_icms,
    vl_apurado_icms,
    pc_aliq_apurada_inss,
    vl_apurado_inss,
    pc_aliq_apurada_ipi,
    vl_apurado_ipi,
    pc_aliq_apurada_irpj,
    vl_apurado_irpj,
    pc_aliq_apurada_iss,
    vl_apurado_iss,
    pc_aliq_apurada_pis,
    vl_apurado_pis,
    vl_diferenca_imposto,
    nu_maior_tributo
)
VALUES      (
    :Nsq_arquivo,
    :Nsq_registro,
    :Nsq_atividade,
    :Nsq_filial,
    :vl_receita_atividade,
    :pc_reducao_icms_iss,
    :vl_somatorio_aliquotas,
    :vl_imposto,
    :pc_aliq_apurada_cofins,
    :vl_apurado_cofins,
    :pc_aliq_apurada_csll,

```

```

:vl_apurado_csll,
:pc_aliq_apurada_icms,
:vl_apurado_icms,
:pc_aliq_apurada_inss,
:vl_apurado_inss,
:pc_aliq_apurada_ipi,
:vl_apurado_ipi,
:pc_aliq_apurada_irpj,
:vl_apurado_irpj,
:pc_aliq_apurada_iss,
:vl_apurado_iss,
:pc_aliq_apurada_pis,
:vl_apurado_pis,
:vl_diferenca_imposto,
:nu_maior_tributo
);

```

```

if (sqlca.sqlcode != 0)
{
    fprintf(fp_output,"%s - erro INSERT INTO pgdas_03112_red_rec_ativ_fx_a  .\n",CurrentDateTime(DataHora,1));
    sql_error(sqlca.sqlerrm.sqlerrmc);
}

```

```

if (qt_limite_ultrapassados_pa > 0)
{
EXEC SQL
    INSERT INTO adm_objetos.pgdas_03122_red_rec_ativ_fx_b
    (
        sq_arquivo,
        sq_registro,
sq_atividade,
sq_filial,
vl_aliq_apurada_ativ,
pc_aliq_apurada_cofins,
vl_apurado_cofins,
pc_aliq_apurada_csll,
vl_apurado_csll,
pc_aliq_apurada_icms,
vl_apurado_icms,
pc_aliq_apurada_inss,
vl_apurado_inss,
pc_aliq_apurada_ipi,
vl_apurado_ipi,
pc_aliq_apurada_irpj,
vl_apurado_irpj,
pc_aliq_apurada_iss,
vl_apurado_iss,
pc_aliq_apurada_pis,
vl_apurado_pis
    )
VALUES      (

```

```

        :Nsq_arquivo,
:Nsq_registro,
        :Nsq_atividade,
        :Nsq_filial,
                :vl_somatorio_aliquotas_b,
        :pc_aliq_apurada_cofins_b,
        :vl_apurado_cofins_b,
        :pc_aliq_apurada_csll_b,
        :vl_apurado_csll_b,
        :pc_aliq_apurada_icms_b,
        :vl_apurado_icms_b,
        :pc_aliq_apurada_inss_b,
        :vl_apurado_inss_b,
        :pc_aliq_apurada_ipi_b,
        :vl_apurado_ipi_b,
        :pc_aliq_apurada_irpj_b,
        :vl_apurado_irpj_b,
        :pc_aliq_apurada_iss_b,
        :vl_apurado_iss_b,
        :pc_aliq_apurada_pis_b,
        :vl_apurado_pis_b
    );
if (sqlca.sqlcode != 0)
{
    fprintf(fp_output,"%s - erro INSERT INTO pgdas_03122_red_rec_ativ_fx_b ...\n",CurrentDateTime(DataHora,1));
    sql_error(sqlca.sqlerrm.sqlerrmc);
}

}
if (qt_limite_ultrapassados_pa > 1)
{
EXEC SQL
INSERT INTO adm_objetos.pgdas_03132_red_rec_ativ_fx_c
(
        sq_arquivo,
        sq_registro,
sq_atividade,
sq_filial,
vl_aliq_apurada_ativ,
pc_aliq_apurada_cofins,
vl_apurado_cofins,
pc_aliq_apurada_csll,
vl_apurado_csll,
pc_aliq_apurada_icms,
vl_apurado_icms,
pc_aliq_apurada_inss,
vl_apurado_inss,
pc_aliq_apurada_ipi,
vl_apurado_ipi,
pc_aliq_apurada_irpj,
vl_apurado_irpj,

```

```

pc_aliq_apurada_iss,
vl_apurado_iss,
pc_aliq_apurada_pis,
vl_apurado_pis
)
VALUES (
:Nsq_arquivo,
:Nsq_registro,
:Nsq_atividade,
:Nsq_filial,
:vl_somatorio_aliquotas_c,
:pc_aliq_apurada_cofins_c,
:vl_apurado_cofins_c,
:pc_aliq_apurada_csll_c,
:vl_apurado_csll_c,
:pc_aliq_apurada_icms_c,
:vl_apurado_icms_c,
:pc_aliq_apurada_inss_c,
:vl_apurado_inss_c,
:pc_aliq_apurada_ipi_c,
:vl_apurado_ipi_c,
:pc_aliq_apurada_irpj_c,
:vl_apurado_irpj_c,
:pc_aliq_apurada_iss_c,
:vl_apurado_iss_c,
:pc_aliq_apurada_pis_c,
:vl_apurado_pis_c
);
if (sqlca.sqlcode != 0)
{
    fprintf(fp_output,"%s - erro INSERT INTO pgdas_03132_red_rec_ativ_fx_c .\n",CurrentDateTime(DataHora,1));
    sql_error(sqlca.sqlerrm.sqlerrmc);
}

}

else
{

vl_receita_atividade      = atof(mExtractFieldFloat(buf_aux,Separator,2,Field,FieldSize));
pc_reducao_icms_iss       = atof(mExtractFieldFloat(buf_aux,Separator,3,Field,FieldSize));
vl_somatorio_aliquotas    = atof(mExtractFieldFloat(buf_aux,Separator,4,Field,FieldSize));
vl_imposto                = atof(mExtractFieldFloat(buf_aux,Separator,5,Field,FieldSize));
pc_aliq_apurada_cofins    = atof(mExtractFieldFloat(buf_aux,Separator,6,Field,FieldSize));
vl_apurado_cofins         = atof(mExtractFieldFloat(buf_aux,Separator,7,Field,FieldSize));
pc_aliq_apurada_csll      = atof(mExtractFieldFloat(buf_aux,Separator,8,Field,FieldSize));
vl_apurado_csll           = atof(mExtractFieldFloat(buf_aux,Separator,9,Field,FieldSize));
pc_aliq_apurada_icms      = atof(mExtractFieldFloat(buf_aux,Separator,10,Field,FieldSize));
vl_apurado_icms           = atof(mExtractFieldFloat(buf_aux,Separator,11,Field,FieldSize));
pc_aliq_apurada_inss      = atof(mExtractFieldFloat(buf_aux,Separator,12,Field,FieldSize));

```

vl_apurado_inss	= atof(mExtractFieldFloat(buf_aux,Separator,13,Field,FieldSize));
pc_aliq_apurada_ipi	= atof(mExtractFieldFloat(buf_aux,Separator,14,Field,FieldSize));
vl_apurado_ipi	= atof(mExtractFieldFloat(buf_aux,Separator,15,Field,FieldSize));
pc_aliq_apurada_irpj	= atof(mExtractFieldFloat(buf_aux,Separator,16,Field,FieldSize));
vl_apurado_irpj	= atof(mExtractFieldFloat(buf_aux,Separator,17,Field,FieldSize));
pc_aliq_apurada_iss	= atof(mExtractFieldFloat(buf_aux,Separator,18,Field,FieldSize));
vl_apurado_iss	= atof(mExtractFieldFloat(buf_aux,Separator,19,Field,FieldSize));
pc_aliq_apurada_pis	= atof(mExtractFieldFloat(buf_aux,Separator,20,Field,FieldSize));
vl_apurado_pis	= atof(mExtractFieldFloat(buf_aux,Separator,21,Field,FieldSize));
vl_diferenca_imposto	= atof(mExtractFieldFloat(buf_aux,Separator,22,Field,FieldSize));
nu_maior_tributo	= atol(mExtractFieldFloat(buf_aux,Separator,23,Field,FieldSize));

#### EXEC SQL

```

INSERT INTO adm_objetos.pgdas_03112_red_rec_ativ_fx_a
(
    sq_arquivo,
    sq_registro,
    sq_atividade,
    sq_filial,
    vl_receita_atividade,
    pc_reducao_icms_iss,
    vl_somatorio_aliquotas,
    vl_imposto,
    pc_aliq_apurada_cofins,
    vl_apurado_cofins,
    pc_aliq_apurada_csll,
    vl_apurado_csll,
    pc_aliq_apurada_icms,
    vl_apurado_icms,
    pc_aliq_apurada_inss,
    vl_apurado_inss,
    pc_aliq_apurada_ipi,
    vl_apurado_ipi,
    pc_aliq_apurada_irpj,
    vl_apurado_irpj,
    pc_aliq_apurada_iss,
    vl_apurado_iss,
    pc_aliq_apurada_pis,
    vl_apurado_pis,
    vl_diferenca_imposto,
    nu_maior_tributo
)
VALUES (
    :Nsq_arquivo,
    :Nsq_registro,
    :Nsq_atividade,
    :Nsq_filial,
    :vl_receita_atividade,
    :pc_reducao_icms_iss,
    :vl_somatorio_aliquotas,
    :vl_imposto,

```



```

:pc_aliq_apurada_cofins,
:vl_apurado_cofins,
:pc_aliq_apurada_csll,
:vl_apurado_csll,
:pc_aliq_apurada_icms,
:vl_apurado_icms,
:pc_aliq_apurada_inss,
:vl_apurado_inss,
:pc_aliq_apurada_ipi,
:vl_apurado_ipi,
:pc_aliq_apurada_irpj,
:vl_apurado_irpj,
:pc_aliq_apurada_iss,
:vl_apurado_iss,
:pc_aliq_apurada_pis,
:vl_apurado_pis,
:vl_diferenca_imposto,
:nu_maior_tributo
    );

if (sqlca.sqlcode != 0)
{
    fprintf(fp_output,"%s - erro INSERT INTO pgdas_03112_red_rec_ativ_fx_a .\n",CurrentDateTime(DataHora,1));
    sql_error(sqlca.sqlerrm.sqlerrmc);
}

}

}

/*****
/* Funo Gravar Informao Isencao Por Atividade Faixa A */
*****/

void ProcessarInformIsencaoAtividadeFxA (char *buf_aux)
{

float vl_receita_atividade;
float vl_somatorio_aliquotas = 0;
float vl_imposto = 0;
float pc_aliq_apurada_cofins = 0;
float vl_apurado_cofins = 0;
float pc_aliq_apurada_csll = 0;
float vl_apurado_csll = 0;
float pc_aliq_apurada_icms = 0;
float vl_apurado_icms = 0;
float pc_aliq_apurada_inss = 0;
float vl_apurado_inss = 0;
float pc_aliq_apurada_ipi = 0;
float vl_apurado_ipi = 0;
float pc_aliq_apurada_irpj = 0;
float vl_apurado_irpj = 0;
float pc_aliq_apurada_iss = 0;
float vl_apurado_iss = 0;

```

```

float pc_aliq_apurada_pis = 0;
float vl_apurado_pis = 0;
float vl_diferenca_imposto = 0;
int  nu_maior_tributo;
char BuscaString[100];
int  qt_tributos = 0;

float vl_somatorio_aliquotas_b = 0;
float pc_aliq_apurada_cofins_b = 0;
float vl_apurado_cofins_b      = 0;
float pc_aliq_apurada_csll_b   = 0;
float vl_apurado_csll_b        = 0;
float pc_aliq_apurada_icms_b   = 0;
float vl_apurado_icms_b        = 0;
float pc_aliq_apurada_inss_b   = 0;
float vl_apurado_inss_b        = 0;
float pc_aliq_apurada_ipi_b    = 0;
float vl_apurado_ipi_b         = 0;
float pc_aliq_apurada_irpj_b   = 0;
float vl_apurado_irpj_b        = 0;
float pc_aliq_apurada_iss_b    = 0;
float vl_apurado_iss_b         = 0;
float pc_aliq_apurada_pis_b    = 0;
float vl_apurado_pis_b         = 0;

```

```

float vl_somatorio_aliquotas_c = 0;
float pc_aliq_apurada_cofins_c = 0;
float vl_apurado_cofins_c      = 0;
float pc_aliq_apurada_csll_c   = 0;
float vl_apurado_csll_c        = 0;
float pc_aliq_apurada_icms_c   = 0;
float vl_apurado_icms_c        = 0;
float pc_aliq_apurada_inss_c   = 0;
float vl_apurado_inss_c        = 0;
float pc_aliq_apurada_ipi_c    = 0;
float vl_apurado_ipi_c         = 0;
float pc_aliq_apurada_irpj_c   = 0;
float vl_apurado_irpj_c        = 0;
float pc_aliq_apurada_iss_c    = 0;
float vl_apurado_iss_c         = 0;
float pc_aliq_apurada_pis_c    = 0;
float vl_apurado_pis_c         = 0;

```

```

if (cd_versao < 120)
{

```

```

    vl_receita_atividade      = atof(mExtractFieldFloat(buf_aux,Separator,2,Field,FieldSize));

```

```

    int y                      = 2;
    int x                      = 0;
    int EncFimBusca            = 0;

```

```
BuscaString[0] = 0;
```

```
if (qt_limite_ultrapassados_pa==0)
```

```
{
    y++;
    vl_somatorio_aliquotas = atof(mExtractFieldFloat(buf_aux,Separator,y,Field,FieldSize));
}
```

```
else
```

```
{
    if (qt_limite_ultrapassados_pa==1)
    {
        y++;
        vl_somatorio_aliquotas = atof(mExtractFieldFloat(buf_aux,Separator,y,Field,FieldSize));
        y++;
        vl_somatorio_aliquotas_b = atof(mExtractFieldFloat(buf_aux,Separator,y,Field,FieldSize));
    }
}
```

```
else
```

```
{
    if (qt_limite_ultrapassados_pa==2)
    {
        y++;
        vl_somatorio_aliquotas = atof(mExtractFieldFloat(buf_aux,Separator,y,Field,FieldSize));
        y++;
        vl_somatorio_aliquotas_b = atof(mExtractFieldFloat(buf_aux,Separator,y,Field,FieldSize));
        y++;
        vl_somatorio_aliquotas_c = atof(mExtractFieldFloat(buf_aux,Separator,y,Field,FieldSize));
    }
}
}
```

```
y++;
```

```
vl_imposto = atof(mExtractFieldFloat(buf_aux,Separator,y,Field,FieldSize));
```

```
y++;
```

```
qt_tributos = atol(mExtractFieldFloat(buf_aux,Separator,y,Field,FieldSize));
```

```
int i = 0;
```

```
char sq_aliquota_tributo[2+1];
```

```
float vl_perc_aliq_apurada = 0;
```

```
float vl_calculado = 0;
```

```
for (x = 0; x <= qt_limite_ultrapassados_pa; x++)
```

```
{
    for(i = 1; i <= qt_tributos; i++)
    {
        y++;
        strcpy(sq_aliquota_tributo,mExtractFieldOcorrencias(buf_aux,Separator,y,Field,FieldSize));

        if ((strcmp(sq_aliquota_tributo,"1",2)==0)|| (strcmp(sq_aliquota_tributo,"1A",2)==0))
        {
```

```

y++;
    pc_aliq_apurada_irpj = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
    y++;
    vl_apurado_irpj = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
}
else
{
    if ((strcmp(sq_aliquota_tributo,"2",2)==0)||strcmp(sq_aliquota_tributo,"2A",2)==0))
    {
        y++;
        pc_aliq_apurada_csll = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
        y++;
        vl_apurado_csll = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
    }
}
else
{
    if ((strcmp(sq_aliquota_tributo,"3",2)==0)||strcmp(sq_aliquota_tributo,"3A",2)==0))
    {
        y++;
        pc_aliq_apurada_cofins = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
        y++;
        vl_apurado_cofins = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
    }
}
else
{
    if ((strcmp(sq_aliquota_tributo,"4",2)==0)||strcmp(sq_aliquota_tributo,"4A",2)==0))
    {
        y++;
        pc_aliq_apurada_pis = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
        y++;
        vl_apurado_pis = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
    }
}
else
{
    if ((strcmp(sq_aliquota_tributo,"5",2)==0)||strcmp(sq_aliquota_tributo,"5A",2)==0))
    {
        y++;
        pc_aliq_apurada_inss = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
        y++;
        vl_apurado_inss = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
    }
}
else
{
    if ((strcmp(sq_aliquota_tributo,"6",2)==0)||strcmp(sq_aliquota_tributo,"6A",2)==0))
    {
        y++;
        pc_aliq_apurada_icms = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
        y++;
        vl_apurado_icms = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
    }
}
else

```

```

{
    if ((strcmp(sq_aliquota_tributo,"7",2)==0)|| (strcmp(sq_aliquota_tributo,"7A",2)==0))
    {
        y++;
        pc_aliq_apurada_ipi = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
        y++;
        vl_apurado_ipi = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
    }
else
{
    if ((strcmp(sq_aliquota_tributo,"8",2)==0)|| (strcmp(sq_aliquota_tributo,"8A",2)==0))
    {
        y++;
        pc_aliq_apurada_iss = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
        y++;
        vl_apurado_iss = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
    }
    else
    {
        if (strcmp(sq_aliquota_tributo,"1B",2)==0)
        {
            y++;
            pc_aliq_apurada_irpj_b = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
            y++;
            vl_apurado_irpj_b = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
        }
else
{
    if (strcmp(sq_aliquota_tributo,"2B",2)==0)
    {
        y++;
        pc_aliq_apurada_csll_b = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
        y++;
        vl_apurado_csll_b = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
    }
else
{
    if (strcmp(sq_aliquota_tributo,"3B",2)==0)
    {
        y++;
        pc_aliq_apurada_cofins_b = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
        y++;
        vl_apurado_cofins_b = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
    }
else
{
    if (strcmp(sq_aliquota_tributo,"4B",2)==0)
    {
        y++;
        pc_aliq_apurada_pis_b = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
        y++;

```

```

        vl_apurado_pis_b = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
    }
else
{
    if (strncmp(sq_aliquota_tributo,"5B",2)==0)
    {
        y++;
        pc_aliq_apurada_inss_b = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
        y++;
        vl_apurado_inss_b = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
    }
else
{
    if (strncmp(sq_aliquota_tributo,"6B",2)==0)
    {
        y++;
        pc_aliq_apurada_icms_b = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
        y++;
        vl_apurado_icms_b = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
    }
else
{
    if (strncmp(sq_aliquota_tributo,"7B",2)==0)
    {
        y++;
        pc_aliq_apurada_ipi_b = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
        y++;
        vl_apurado_ipi_b = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
    }
else
{
    if (strncmp(sq_aliquota_tributo,"8B",2)==0)
    {
        y++;
        pc_aliq_apurada_iss_b = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
        y++;
        vl_apurado_iss_b = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
    }
    else
    {
        if (strncmp(sq_aliquota_tributo,"1C",2)==0)
        {
            y++;
            pc_aliq_apurada_irpj_c = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
            y++;
            vl_apurado_irpj_c = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
        }
else
{
    if (strncmp(sq_aliquota_tributo,"2C",2)==0)
    {

```

```

y++;
    pc_aliq_apurada_csll_c = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
    y++;
    vl_apurado_csll_c = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
}
else
{
    if (strncmp(sq_aliquota_tributo,"3C",2)==0)
    {
        y++;
        pc_aliq_apurada_cofins_c = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
        y++;
        vl_apurado_cofins_c = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
    }
else
{
    if (strncmp(sq_aliquota_tributo,"4C",2)==0)
    {
        y++;
        pc_aliq_apurada_pis_c = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
        y++;
        vl_apurado_pis_c = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
    }
else
{
    if (strncmp(sq_aliquota_tributo,"5C",2)==0)
    {
        y++;
        pc_aliq_apurada_inss_c = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
        y++;
        vl_apurado_inss_c = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
    }
else
{
    if (strncmp(sq_aliquota_tributo,"6C",2)==0)
    {
        y++;
        pc_aliq_apurada_icms_c = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
        y++;
        vl_apurado_icms_c = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
    }
else
{
    if (strncmp(sq_aliquota_tributo,"7C",2)==0)
    {
        y++;
        pc_aliq_apurada_ipi_c = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
        y++;
        vl_apurado_ipi_c = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
    }
else

```

[illegible]



```

pc_aliq_apurada_cofins,
vl_apurado_cofins,
pc_aliq_apurada_csll,
vl_apurado_csll,
pc_aliq_apurada_icms,
vl_apurado_icms,
pc_aliq_apurada_inss,
vl_apurado_inss,
pc_aliq_apurada_ipi,
vl_apurado_ipi,
pc_aliq_apurada_irpj,
vl_apurado_irpj,
pc_aliq_apurada_iss,
vl_apurado_iss,
pc_aliq_apurada_pis,
vl_apurado_pis,
vl_diferenca_imposto,
nu_maior_tributo
)
VALUES (
:Nsq_arquivo,
:Nsq_registro,
:Nsq_atividade,
:Nsq_filial,
:vl_receita_atividade,
:vl_somatorio_aliquotas,
:vl_imposto,
:pc_aliq_apurada_cofins,
:vl_apurado_cofins,
:pc_aliq_apurada_csll,
:vl_apurado_csll,
:pc_aliq_apurada_icms,
:vl_apurado_icms,
:pc_aliq_apurada_inss,
:vl_apurado_inss,
:pc_aliq_apurada_ipi,
:vl_apurado_ipi,
:pc_aliq_apurada_irpj,
:vl_apurado_irpj,
:pc_aliq_apurada_iss,
:vl_apurado_iss,
:pc_aliq_apurada_pis,
:vl_apurado_pis,
:vl_diferenca_imposto,
:nu_maior_tributo
);

if (sqlca.sqlcode != 0)
{
fprintf(fp_output,"%s - erro INSERT INTO pgdas_03111_isenc_ativ_fx_a .\n",CurrentDateTime(DataHora,1));
sql_error(sqlca.sqlerrm.sqlerrmc);
}

```

```

}

if (qt_limite_ultrapassados_pa > 0)
{
EXEC SQL
INSERT INTO adm_objetos.pgdas_03121_isencao_ativ_fx_b
(
        sq_arquivo,
        sq_registro,
sq_atividade,
sq_filial,
vl_aliq_apurada_ativ,
pc_aliq_apurada_cofins,
vl_apurado_cofins,
pc_aliq_apurada_csll,
vl_apurado_csll,
pc_aliq_apurada_icms,
vl_apurado_icms,
pc_aliq_apurada_inss,
vl_apurado_inss,
pc_aliq_apurada_ipi,
vl_apurado_ipi,
pc_aliq_apurada_irpj,
vl_apurado_irpj,
pc_aliq_apurada_iss,
vl_apurado_iss,
pc_aliq_apurada_pis,
vl_apurado_pis
)
VALUES      (
        :Nsq_arquivo,
        :Nsq_registro,
        :Nsq_atividade,
        :Nsq_filial,
        :vl_somatorio_aliquotas_b,
        :pc_aliq_apurada_cofins_b,
        :vl_apurado_cofins_b,
        :pc_aliq_apurada_csll_b,
        :vl_apurado_csll_b,
        :pc_aliq_apurada_icms_b,
        :vl_apurado_icms_b,
        :pc_aliq_apurada_inss_b,
        :vl_apurado_inss_b,
        :pc_aliq_apurada_ipi_b,
        :vl_apurado_ipi_b,
        :pc_aliq_apurada_irpj_b,
        :vl_apurado_irpj_b,
        :pc_aliq_apurada_iss_b,
        :vl_apurado_iss_b,
        :pc_aliq_apurada_pis_b,
        :vl_apurado_pis_b

```

```

    );
if (sqlca.sqlcode != 0)
{
    fprintf(fp_output,"%s - erro INSERT INTO pgdas_03121_isencao_ativ_fx_b .\n",CurrentDateTime(DataHora,1));
    sql_error(sqlca.sqlerrm.sqlerrmc);
}

}
if (qt_limite_ultrapassados_pa > 1)
{
EXEC SQL
INSERT INTO adm_objetos.pgdas_03131_isencao_ativ_fx_c
(
    sq_arquivo,
    sq_registro,
sq_atividade,
sq_filial,
vl_aliq_apurada_ativ,
pc_aliq_apurada_cofins,
vl_apurado_cofins,
pc_aliq_apurada_csll,
vl_apurado_csll,
pc_aliq_apurada_icms,
vl_apurado_icms,
pc_aliq_apurada_inss,
vl_apurado_inss,
pc_aliq_apurada_ipi,
vl_apurado_ipi,
pc_aliq_apurada_irpj,
vl_apurado_irpj,
pc_aliq_apurada_iss,
vl_apurado_iss,
pc_aliq_apurada_pis,
vl_apurado_pis
)
VALUES      (
            :Nsq_arquivo,
            :Nsq_registro,
            :Nsq_atividade,
            :Nsq_filial,
            :vl_somatorio_aliquotas_c,
            :pc_aliq_apurada_cofins_c,
            :vl_apurado_cofins_c,
            :pc_aliq_apurada_csll_c,
            :vl_apurado_csll_c,
            :pc_aliq_apurada_icms_c,
            :vl_apurado_icms_c,
            :pc_aliq_apurada_inss_c,
            :vl_apurado_inss_c,
            :pc_aliq_apurada_ipi_c,
            :vl_apurado_ipi_c,

```

```

        :pc_aliq_apurada_irpj_c,
        :vl_apurado_irpj_c,
        :pc_aliq_apurada_iss_c,
        :vl_apurado_iss_c,
        :pc_aliq_apurada_pis_c,
        :vl_apurado_pis_c
    );
if (sqlca.sqlcode != 0)
{
    fprintf(fp_output,"%s - erro INSERT INTO pgdas_03131_isencaao_ativ_fx_c .\n",CurrentDateTime(DataHora,1));
    sql_error(sqlca.sqlerrm.sqlerrmc);
}

}

}
else
{
    vl_receita_atividade      = atof(mExtractFieldFloat(buf_aux,Separator,2,Field,FieldSize));
    vl_somatorio_aliquotas    = atof(mExtractFieldFloat(buf_aux,Separator,3,Field,FieldSize));
    vl_imposto                = atof(mExtractFieldFloat(buf_aux,Separator,4,Field,FieldSize));
    pc_aliq_apurada_cofins     = atof(mExtractFieldFloat(buf_aux,Separator,5,Field,FieldSize));
    vl_apurado_cofins          = atof(mExtractFieldFloat(buf_aux,Separator,6,Field,FieldSize));
    pc_aliq_apurada_csll       = atof(mExtractFieldFloat(buf_aux,Separator,7,Field,FieldSize));
    vl_apurado_csll            = atof(mExtractFieldFloat(buf_aux,Separator,8,Field,FieldSize));
    pc_aliq_apurada_icms       = atof(mExtractFieldFloat(buf_aux,Separator,9,Field,FieldSize));
    vl_apurado_icms            = atof(mExtractFieldFloat(buf_aux,Separator,10,Field,FieldSize));
    pc_aliq_apurada_inss       = atof(mExtractFieldFloat(buf_aux,Separator,11,Field,FieldSize));
    vl_apurado_inss            = atof(mExtractFieldFloat(buf_aux,Separator,12,Field,FieldSize));
    pc_aliq_apurada_ipi        = atof(mExtractFieldFloat(buf_aux,Separator,13,Field,FieldSize));
    vl_apurado_ipi             = atof(mExtractFieldFloat(buf_aux,Separator,14,Field,FieldSize));
    pc_aliq_apurada_irpj       = atof(mExtractFieldFloat(buf_aux,Separator,15,Field,FieldSize));
    vl_apurado_irpj            = atof(mExtractFieldFloat(buf_aux,Separator,16,Field,FieldSize));
    pc_aliq_apurada_iss        = atof(mExtractFieldFloat(buf_aux,Separator,17,Field,FieldSize));
    vl_apurado_iss             = atof(mExtractFieldFloat(buf_aux,Separator,18,Field,FieldSize));
    pc_aliq_apurada_pis        = atof(mExtractFieldFloat(buf_aux,Separator,19,Field,FieldSize));
    vl_apurado_pis             = atof(mExtractFieldFloat(buf_aux,Separator,20,Field,FieldSize));
    vl_diferenca_imposto       = atof(mExtractFieldFloat(buf_aux,Separator,21,Field,FieldSize));
    nu_maior_tributo           = atol(mExtractFieldFloat(buf_aux,Separator,22,Field,FieldSize));

EXEC SQL
INSERT INTO adm_objetos.pgdas_03111_isenc_ativ_fx_a
(
    sq_arquivo,
    sq_registro,
    sq_atividade,
    sq_filial,
    vl_receita_atividade,
    vl_somatorio_aliquotas,
    vl_imposto,
    pc_aliq_apurada_cofins,

```

```

vl_apurado_cofins,
pc_aliq_apurada_csll,
vl_apurado_csll,
pc_aliq_apurada_icms,
vl_apurado_icms,
pc_aliq_apurada_inss,
vl_apurado_inss,
pc_aliq_apurada_ipi,
vl_apurado_ipi,
pc_aliq_apurada_irpj,
vl_apurado_irpj,
pc_aliq_apurada_iss,
vl_apurado_iss,
pc_aliq_apurada_pis,
vl_apurado_pis,
vl_diferenca_imposto,
nu_maior_tributo
)
VALUES      (
            :Nsq_arquivo,
            :Nsq_registro,
            :Nsq_atividade,
            :Nsq_filial,
:vl_receita_atividade,
:vl_somatorio_aliquotas,
:vl_imposto,
:pc_aliq_apurada_cofins,
:vl_apurado_cofins,
:pc_aliq_apurada_csll,
:vl_apurado_csll,
:pc_aliq_apurada_icms,
:vl_apurado_icms,
:pc_aliq_apurada_inss,
:vl_apurado_inss,
:pc_aliq_apurada_ipi,
:vl_apurado_ipi,
:pc_aliq_apurada_irpj,
:vl_apurado_irpj,
:pc_aliq_apurada_iss,
:vl_apurado_iss,
:pc_aliq_apurada_pis,
:vl_apurado_pis,
:vl_diferenca_imposto,
:nu_maior_tributo
        );

if (sqlca.sqlcode != 0)
{
    fprintf(fp_output,"%s - erro INSERT INTO pgdas_03111_isenc_ativ_fx_a .\n",CurrentDateTime(DataHora,1));
    sql_error(sqlca.sqlerrm.sqlerrmc);
}

```

```

}
}
/*****/
/* Funo Gravar Informao Receita Por Atividade Faixa C */
/*****/
void ProcessarInformRecAtividadeFxC (char *buf_aux)
{
    float vl_aliq_apurada_ativ;
    float pc_aliq_apurada_cofins;
    float vl_apurado_cofins;
    float pc_aliq_apurada_csll;
    float vl_apurado_csll;
    float pc_aliq_apurada_icms;
    float vl_apurado_icms;
    float pc_aliq_apurada_inss;
    float vl_apurado_inss;
    float pc_aliq_apurada_ipi;
    float vl_apurado_ipi;
    float pc_aliq_apurada_irpj;
    float vl_apurado_irpj;
    float pc_aliq_apurada_iss;
    float vl_apurado_iss;
    float pc_aliq_apurada_pis;
    float vl_apurado_pis;

    vl_aliq_apurada_ativ      = atof(mExtractFieldFloat(buf_aux,Separator,2,Field,FieldSize));
    pc_aliq_apurada_cofins    = atof(mExtractFieldFloat(buf_aux,Separator,3,Field,FieldSize));
    vl_apurado_cofins         = atof(mExtractFieldFloat(buf_aux,Separator,4,Field,FieldSize));
    pc_aliq_apurada_csll      = atof(mExtractFieldFloat(buf_aux,Separator,5,Field,FieldSize));
    vl_apurado_csll          = atof(mExtractFieldFloat(buf_aux,Separator,6,Field,FieldSize));
    pc_aliq_apurada_icms      = atof(mExtractFieldFloat(buf_aux,Separator,7,Field,FieldSize));
    vl_apurado_icms           = atof(mExtractFieldFloat(buf_aux,Separator,8,Field,FieldSize));
    pc_aliq_apurada_inss      = atof(mExtractFieldFloat(buf_aux,Separator,9,Field,FieldSize));
    vl_apurado_inss           = atof(mExtractFieldFloat(buf_aux,Separator,10,Field,FieldSize));
    pc_aliq_apurada_ipi       = atof(mExtractFieldFloat(buf_aux,Separator,11,Field,FieldSize));
    vl_apurado_ipi            = atof(mExtractFieldFloat(buf_aux,Separator,12,Field,FieldSize));
    pc_aliq_apurada_irpj      = atof(mExtractFieldFloat(buf_aux,Separator,13,Field,FieldSize));
    vl_apurado_irpj           = atof(mExtractFieldFloat(buf_aux,Separator,14,Field,FieldSize));
    pc_aliq_apurada_iss       = atof(mExtractFieldFloat(buf_aux,Separator,15,Field,FieldSize));
    vl_apurado_iss            = atof(mExtractFieldFloat(buf_aux,Separator,16,Field,FieldSize));
    pc_aliq_apurada_pis       = atof(mExtractFieldFloat(buf_aux,Separator,17,Field,FieldSize));
    vl_apurado_pis            = atof(mExtractFieldFloat(buf_aux,Separator,18,Field,FieldSize));

```

#### EXEC SQL

```

INSERT INTO adm_objetos.pgdas_03130_rec_ativ_fx_c
(
    sq_arquivo,
    sq_registro,
    sq_atividade,
    sq_filial,

```

```

        vl_aliq_apurada_ativ,
pc_aliq_apurada_cofins,
vl_apurado_cofins,
pc_aliq_apurada_csll,
vl_apurado_csll,
pc_aliq_apurada_icms,
vl_apurado_icms,
pc_aliq_apurada_inss,
vl_apurado_inss,
pc_aliq_apurada_ipi,
vl_apurado_ipi,
pc_aliq_apurada_irpj,
vl_apurado_irpj,
pc_aliq_apurada_iss,
vl_apurado_iss,
pc_aliq_apurada_pis,
vl_apurado_pis
)
VALUES      (
        :Nsq_arquivo,
        :Nsq_registro,
        :Nsq_atividade,
        :Nsq_filial,
:vl_aliq_apurada_ativ,
        :pc_aliq_apurada_cofins,
        :vl_apurado_cofins,
        :pc_aliq_apurada_csll,
        :vl_apurado_csll,
        :pc_aliq_apurada_icms,
        :vl_apurado_icms,
        :pc_aliq_apurada_inss,
        :vl_apurado_inss,
        :pc_aliq_apurada_ipi,
        :vl_apurado_ipi,
        :pc_aliq_apurada_irpj,
        :vl_apurado_irpj,
        :pc_aliq_apurada_iss,
        :vl_apurado_iss,
        :pc_aliq_apurada_pis,
        :vl_apurado_pis
);
if (sqlca.sqlcode != 0)
{
    fprintf(fp_output,"%s - erro INSERT INTO pgdas_03130_rec_ativ_fx_c .\n",CurrentDateTime(DataHora,1));
    sql_error(sqlca.sqlerrm.sqlerrmc);
}

}

/*****
/*  Funo Gravar Informao Receita Por Atividade Faixa B  */
*****/

```

```
void ProcessarInformRecAtividadeFxB (char *buf_aux)
```

```
{
```

```
float vl_aliq_apurada_ativ;  
float pc_aliq_apurada_cofins;  
float vl_apurado_cofins;  
float pc_aliq_apurada_csll;  
float vl_apurado_csll;  
float pc_aliq_apurada_icms;  
float vl_apurado_icms;  
float pc_aliq_apurada_inss;  
float vl_apurado_inss;  
float pc_aliq_apurada_ipi;  
float vl_apurado_ipi;  
float pc_aliq_apurada_irpj;  
float vl_apurado_irpj;  
float pc_aliq_apurada_iss;  
float vl_apurado_iss;  
float pc_aliq_apurada_pis;  
float vl_apurado_pis;
```

```
vl_aliq_apurada_ativ      = atof(mExtractFieldFloat(buf_aux,Separator,2,Field,FieldSize));  
pc_aliq_apurada_cofins    = atof(mExtractFieldFloat(buf_aux,Separator,3,Field,FieldSize));  
vl_apurado_cofins         = atof(mExtractFieldFloat(buf_aux,Separator,4,Field,FieldSize));  
pc_aliq_apurada_csll      = atof(mExtractFieldFloat(buf_aux,Separator,5,Field,FieldSize));  
vl_apurado_csll           = atof(mExtractFieldFloat(buf_aux,Separator,6,Field,FieldSize));  
pc_aliq_apurada_icms      = atof(mExtractFieldFloat(buf_aux,Separator,7,Field,FieldSize));  
vl_apurado_icms           = atof(mExtractFieldFloat(buf_aux,Separator,8,Field,FieldSize));  
pc_aliq_apurada_inss      = atof(mExtractFieldFloat(buf_aux,Separator,9,Field,FieldSize));  
vl_apurado_inss           = atof(mExtractFieldFloat(buf_aux,Separator,10,Field,FieldSize));  
pc_aliq_apurada_ipi       = atof(mExtractFieldFloat(buf_aux,Separator,11,Field,FieldSize));  
vl_apurado_ipi            = atof(mExtractFieldFloat(buf_aux,Separator,12,Field,FieldSize));  
pc_aliq_apurada_irpj      = atof(mExtractFieldFloat(buf_aux,Separator,13,Field,FieldSize));  
vl_apurado_irpj           = atof(mExtractFieldFloat(buf_aux,Separator,14,Field,FieldSize));  
pc_aliq_apurada_iss       = atof(mExtractFieldFloat(buf_aux,Separator,15,Field,FieldSize));  
vl_apurado_iss            = atof(mExtractFieldFloat(buf_aux,Separator,16,Field,FieldSize));  
pc_aliq_apurada_pis       = atof(mExtractFieldFloat(buf_aux,Separator,17,Field,FieldSize));  
vl_apurado_pis            = atof(mExtractFieldFloat(buf_aux,Separator,18,Field,FieldSize));
```

```
EXEC SQL
```

```
INSERT INTO adm_objetos.pgdas_03120_rec_ativ_fx_b
```

```
(
```

```
sq_arquivo,  
sq_registro,  
sq_atividade,  
sq_filial,  
vl_aliq_apurada_ativ,
```

```
pc_aliq_apurada_cofins,  
vl_apurado_cofins,  
pc_aliq_apurada_csll,  
vl_apurado_csll,
```



```

pc_aliq_apurada_icms,
vl_apurado_icms,
pc_aliq_apurada_inss,
vl_apurado_inss,
pc_aliq_apurada_ipi,
vl_apurado_ipi,
pc_aliq_apurada_irpj,
vl_apurado_irpj,
pc_aliq_apurada_iss,
vl_apurado_iss,
pc_aliq_apurada_pis,
vl_apurado_pis
)
VALUES      (
      :Nsq_arquivo,
      :Nsq_registro,
      :Nsq_atividade,
      :Nsq_filial,
:vl_aliq_apurada_ativ,
      :pc_aliq_apurada_cofins,
      :vl_apurado_cofins,
      :pc_aliq_apurada_csll,
      :vl_apurado_csll,
      :pc_aliq_apurada_icms,
      :vl_apurado_icms,
      :pc_aliq_apurada_inss,
      :vl_apurado_inss,
      :pc_aliq_apurada_ipi,
      :vl_apurado_ipi,
      :pc_aliq_apurada_irpj,
      :vl_apurado_irpj,
      :pc_aliq_apurada_iss,
      :vl_apurado_iss,
      :pc_aliq_apurada_pis,
      :vl_apurado_pis
);
if (sqlca.sqlcode != 0)
{
    fprintf(fp_output,"%s - erro INSERT INTO pgdas_03120_rec_ativ_fx_b .\n",CurrentDateTime(DataHora,1));
    sql_error(sqlca.sqlerrm.sqlerrmc);
}

}
/*****/
/*  Funo Gravar Informao Receita Por Atividade Faixa A */
/*****/
void ProcessarInformRecAtividadeFxA (char *buf_aux)
{

char sg_uf[2+1];
int cd_municipio;

```

```

float vl_receita_atividade;
int fg_cofins = 0;
int fg_csll = 0;
int fg_icms = 0;
int fg_inss = 0;
int fg_ipi = 0;
int fg_irpj = 0;
int fg_iss = 0;
int fg_pis = 0;
float vl_somatorio_aliquotas = 0;
float vl_imposto = 0;
float pc_aliq_apurada_cofins = 0;
float vl_apurado_cofins = 0;
float pc_aliq_apurada_csll = 0;
float vl_apurado_csll = 0;
float pc_aliq_apurada_icms = 0;
float vl_apurado_icms = 0;
float pc_aliq_apurada_inss = 0;
float vl_apurado_inss = 0;
float pc_aliq_apurada_ipi = 0;
float vl_apurado_ipi = 0;
float pc_aliq_apurada_irpj = 0;
float vl_apurado_irpj = 0;
float pc_aliq_apurada_iss = 0;
float vl_apurado_iss = 0;
float pc_aliq_apurada_pis = 0;
float vl_apurado_pis = 0;
float vl_diferenca_imposto = 0;
int nu_maior_tributo = 0;
char BuscaString[100];
int qt_tributos = 0;

float vl_somatorio_aliquotas_b = 0;
float pc_aliq_apurada_cofins_b = 0;
float vl_apurado_cofins_b = 0;
float pc_aliq_apurada_csll_b = 0;
float vl_apurado_csll_b = 0;
float pc_aliq_apurada_icms_b = 0;
float vl_apurado_icms_b = 0;
float pc_aliq_apurada_inss_b = 0;
float vl_apurado_inss_b = 0;
float pc_aliq_apurada_ipi_b = 0;
float vl_apurado_ipi_b = 0;
float pc_aliq_apurada_irpj_b = 0;
float vl_apurado_irpj_b = 0;
float pc_aliq_apurada_iss_b = 0;
float vl_apurado_iss_b = 0;
float pc_aliq_apurada_pis_b = 0;
float vl_apurado_pis_b = 0;

float vl_somatorio_aliquotas_c = 0;

```

```

float pc_aliq_apurada_cofins_c = 0;
float vl_apurado_cofins_c      = 0;
float pc_aliq_apurada_csll_c   = 0;
float vl_apurado_csll_c        = 0;
float pc_aliq_apurada_icms_c   = 0;
float vl_apurado_icms_c        = 0;
float pc_aliq_apurada_inss_c   = 0;
float vl_apurado_inss_c        = 0;
float pc_aliq_apurada_ipi_c     = 0;
float vl_apurado_ipi_c         = 0;
float pc_aliq_apurada_irpj_c    = 0;
float vl_apurado_irpj_c        = 0;
float pc_aliq_apurada_iss_c     = 0;
float vl_apurado_iss_c         = 0;
float pc_aliq_apurada_pis_c     = 0;
float vl_apurado_pis_c         = 0;

```

```

if (cd_versao < 120)
{
strcpy(sg_uf,mExtractField(buf_aux,Separator,2,Field,FieldSize));
cd_municipio      = atol(mExtractField(buf_aux,Separator,3,Field,FieldSize));
vl_receita_atividade = atof(mExtractFieldFloat(buf_aux,Separator,4,Field,FieldSize));

```

```

int y          = 4;
int x          = 0;
int EncFimBusca      = 0;
BuscaString[0]      = 0;

```

```

while (EncFimBusca == 0)
{
y++;
strcpy(BuscaString,mExtractField(buf_aux,Separator,y,Field,FieldSize));

```

```

if (strncmp(BuscaString,"icofins",7)==0)
{
fg_cofins = 3;
}
else
{
if (strncmp(BuscaString,"scofins",7)==0)
{
fg_cofins = 5;
}
else
{
if (strncmp(BuscaString,"icsll",5)==0)
{
fg_csll = 3;
}
}
else
{

```

```

if (strcmp(BuscaString,"iicms",5)==0)
{
fg_icms = 3;
}
else
{
if (strcmp(BuscaString,"sicms",5)==0)
{
fg_icms = 5;
}

else
{
if (strcmp(BuscaString,"iinss",5)==0)
{
fg_inss = 3;
}

else
{
if (strcmp(BuscaString,"iipi",4)==0)
{
fg_ipi = 3;
}

else
{
if (strcmp(BuscaString,"sipi",4)==0)
{
fg_ipi = 5;
}
}
}
else
{
if (strcmp(BuscaString,"iirpj",5)==0)
{
fg_irpj = 3;
}

else
{
if (strcmp(BuscaString,"iiss",4)==0)
{
fg_iss = 3;
}

else
{
if (strcmp(BuscaString,"siss",4)==0)
{
fg_iss = 5;
}

else
{
if (strcmp(BuscaString,"ipis",4)==0)
{
fg_iss = 3;
}
}
}
}
}
}

```

```

    }
else
{
    if (strcmp(BuscaString,"spis",4)==0)
        {
            fg_iss = 5;
        }
        else
        {
            EncFimBusca = 1;
            y--;
        }
}

}

}

}

}

}

}

}

}

if (qt_limite_ultrapassados_pa==0)
{
    y++;
    vl_somatorio_aliquotas = atof(mExtractFieldFloat(buf_aux,Separator,y,Field,FieldSize));
}
else
{
    if (qt_limite_ultrapassados_pa==1)
    {
        y++;
        vl_somatorio_aliquotas = atof(mExtractFieldFloat(buf_aux,Separator,y,Field,FieldSize));
        y++;
        vl_somatorio_aliquotas_b = atof(mExtractFieldFloat(buf_aux,Separator,y,Field,FieldSize));
    }
    else
    {
        if (qt_limite_ultrapassados_pa==2)
        {
            y++;
            vl_somatorio_aliquotas = atof(mExtractFieldFloat(buf_aux,Separator,y,Field,FieldSize));
            y++;
            vl_somatorio_aliquotas_b = atof(mExtractFieldFloat(buf_aux,Separator,y,Field,FieldSize));
            y++;
            vl_somatorio_aliquotas_c = atof(mExtractFieldFloat(buf_aux,Separator,y,Field,FieldSize));
        }
    }
}

```

```

    }
}

y++;
vl_imposto = atof(mExtractFieldFloat(buf_aux,Separator,y,Field,FieldSize));

y++;
qt_tributos = atol(mExtractFieldFloat(buf_aux,Separator,y,Field,FieldSize));

int i = 0;

char sq_aliquota_tributo[2+1];
float vl_perc_aliq_apurada = 0;
float vl_calculado = 0;

for (x = 0; x <= qt_limite_ultrapassados_pa; x++)
{
    for(i = 1; i <= qt_tributos; i++)
    {
        y++;
        strcpy(sq_aliquota_tributo,mExtractFieldOcorrencias(buf_aux,Separator,y,Field,FieldSize));

        if ((strcmp(sq_aliquota_tributo,"1",2)==0)||(strcmp(sq_aliquota_tributo,"1A",2)==0))
        {
            y++;
            pc_aliq_apurada_irpj = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
            y++;
            vl_apurado_irpj = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
        }
    else
    {
        if ((strcmp(sq_aliquota_tributo,"2",2)==0)||(strcmp(sq_aliquota_tributo,"2A",2)==0))
        {
            y++;
            pc_aliq_apurada_csll = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
            y++;
            vl_apurado_csll = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
        }
    else
    {
        if ((strcmp(sq_aliquota_tributo,"3",2)==0)||(strcmp(sq_aliquota_tributo,"3A",2)==0))
        {
            y++;
            pc_aliq_apurada_cofins = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
            y++;
            vl_apurado_cofins = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
        }
    else
    {
        if ((strcmp(sq_aliquota_tributo,"4",2)==0)||(strcmp(sq_aliquota_tributo,"4A",2)==0))
        {

```

```

y++;
    pc_aliq_apurada_pis = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
    y++;
    vl_apurado_pis = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
}
else
{
    if ((strcmp(sq_aliquota_tributo,"5",2)==0)||strcmp(sq_aliquota_tributo,"5A",2)==0))
    {
        y++;
        pc_aliq_apurada_inss = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
        y++;
        vl_apurado_inss = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
    }
else
{
    if ((strcmp(sq_aliquota_tributo,"6",2)==0)||strcmp(sq_aliquota_tributo,"6A",2)==0))
    {
        y++;
        pc_aliq_apurada_icms = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
        y++;
        vl_apurado_icms = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
    }
else
{
    if ((strcmp(sq_aliquota_tributo,"7",2)==0)||strcmp(sq_aliquota_tributo,"7A",2)==0))
    {
        y++;
        pc_aliq_apurada_ipi = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
        y++;
        vl_apurado_ipi = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
    }
else
{
    if ((strcmp(sq_aliquota_tributo,"8",2)==0)||strcmp(sq_aliquota_tributo,"8A",2)==0))
    {
        y++;
        pc_aliq_apurada_iss = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
        y++;
        vl_apurado_iss = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
    }
    else
    {
        if (strcmp(sq_aliquota_tributo,"1B",2)==0)
        {
            y++;
            pc_aliq_apurada_irpj_b = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
            y++;
            vl_apurado_irpj_b = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
        }
    }
else

```

```

{
    if (strncmp(sq_aliquota_tributo,"2B",2)==0)
    {
        y++;
        pc_aliq_apurada_csll_b = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
        y++;
        vl_apurado_csll_b = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
    }
else
{
    if (strncmp(sq_aliquota_tributo,"3B",2)==0)
    {
        y++;
        pc_aliq_apurada_cofins_b = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
        y++;
        vl_apurado_cofins_b = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
    }
else
{
    if (strncmp(sq_aliquota_tributo,"4B",2)==0)
    {
        y++;
        pc_aliq_apurada_pis_b = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
        y++;
        vl_apurado_pis_b = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
    }
else
{
    if (strncmp(sq_aliquota_tributo,"5B",2)==0)
    {
        y++;
        pc_aliq_apurada_inss_b = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
        y++;
        vl_apurado_inss_b = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
    }
else
{
    if (strncmp(sq_aliquota_tributo,"6B",2)==0)
    {
        y++;
        pc_aliq_apurada_icms_b = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
        y++;
        vl_apurado_icms_b = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
    }
else
{
    if (strncmp(sq_aliquota_tributo,"7B",2)==0)
    {
        y++;
        pc_aliq_apurada_ipi_b = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
        y++;

```



```

        vl_apurado_ipi_b = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
    }
else
{
    if (strncmp(sq_aliquota_tributo,"8B",2)==0)
    {
        y++;
        pc_aliq_apurada_iss_b = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
        y++;
        vl_apurado_iss_b = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
    }
    else
    {
        if (strncmp(sq_aliquota_tributo,"1C",2)==0)
        {
            y++;
            pc_aliq_apurada_irpj_c = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
            y++;
            vl_apurado_irpj_c = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
        }
    }
else
{
    if (strncmp(sq_aliquota_tributo,"2C",2)==0)
    {
        y++;
        pc_aliq_apurada_csll_c = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
        y++;
        vl_apurado_csll_c = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
    }
}
else
{
    if (strncmp(sq_aliquota_tributo,"3C",2)==0)
    {
        y++;
        pc_aliq_apurada_cofins_c = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
        y++;
        vl_apurado_cofins_c = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
    }
}
else
{
    if (strncmp(sq_aliquota_tributo,"4C",2)==0)
    {
        y++;
        pc_aliq_apurada_pis_c = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
        y++;
        vl_apurado_pis_c = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
    }
}
else
{
    if (strncmp(sq_aliquota_tributo,"5C",2)==0)
    {

```

```
y++;  
    pc_aliq_apurada_inss_c = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));  
    y++;  
    vl_apurado_inss_c = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));  
}  
  
else  
{  
    if (strncmp(sq_aliquota_tributo,"6C",2)==0)  
    {  
        y++;  
        pc_aliq_apurada_icms_c = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));  
        y++;  
        vl_apurado_icms_c = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));  
    }  
  
else  
{  
    if (strncmp(sq_aliquota_tributo,"7C",2)==0)  
    {  
        y++;  
        pc_aliq_apurada_ipi_c = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));  
        y++;  
        vl_apurado_ipi_c = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));  
    }  
  
else  
{  
    if (strncmp(sq_aliquota_tributo,"8C",2)==0)  
    {  
        y++;  
        pc_aliq_apurada_iss_c = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));  
        y++;  
        vl_apurado_iss_c = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));  
    }  
}  
}  
}  
}  
}  
}  
}  
}  
}
```

```

    }
    }
    }
    }

    }

    }
    y++;
    vl_diferenca_imposto      = atof(mExtractFieldFloat(buf_aux,Separator,y,Field,FieldSize));
    y++;
    nu_maior_tributo          = atol(mExtractField(buf_aux,Separator,y,Field,FieldSize));

    EXEC SQL
    INSERT INTO adm_objetos.pgdas_03110_rec_ativ_fx_a
    (
        sq_arquivo,
        sq_registro,
        sq_atividade,
        sq_filial,
        sg_uf,
        cd_municipio,
        vl_receita_atividade,
        fg_cofins,
        fg_csll,
        fg_icms,
        fg_inss,
        fg_ipi,
        fg_irpj,
        fg_iss,
        fg_pis,
        vl_somatorio_aliquotas,
        vl_imposto,
        pc_aliq_apurada_cofins,
        vl_apurado_cofins,
        pc_aliq_apurada_csll,
        vl_apurado_csll,
        pc_aliq_apurada_icms,
        vl_apurado_icms,
        pc_aliq_apurada_inss,
        vl_apurado_inss,
        pc_aliq_apurada_ipi,
        vl_apurado_ipi,
        pc_aliq_apurada_irpj,
        vl_apurado_irpj,
        pc_aliq_apurada_iss,
        vl_apurado_iss,
        pc_aliq_apurada_pis,
        vl_apurado_pis,
        vl_diferenca_imposto,

```

```

nu_maior_tributo
)
VALUES (
    :Nsq_arquivo,
    :Nsq_registro,
    :Nsq_atividade,
    :Nsq_filial,
:sg_uf,
:cd_municipio,
:vl_receita_atividade,
:fg_cofins,
:fg_csll,
:fg_icms,
:fg_inss,
:fg_ipi,
:fg_irpj,
:fg_iss,
:fg_pis,
:vl_somatorio_aliquotas,
:vl_imposto,
:pc_aliq_apurada_cofins,
:vl_apurado_cofins,
:pc_aliq_apurada_csll,
:vl_apurado_csll,
:pc_aliq_apurada_icms,
:vl_apurado_icms,
:pc_aliq_apurada_inss,
:vl_apurado_inss,
:pc_aliq_apurada_ipi,
:vl_apurado_ipi,
:pc_aliq_apurada_irpj,
:vl_apurado_irpj,
:pc_aliq_apurada_iss,
:vl_apurado_iss,
:pc_aliq_apurada_pis,
:vl_apurado_pis,
:vl_diferenca_imposto,
:nu_maior_tributo
);

if (sqlca.sqlcode != 0)
{
    fprintf(fp_output,"%s - erro INSERT INTO pgdas_03110_rec_ativ_fx_a .\n",CurrentDateTime(DataHora,1));
    sql_error(sqlca.sqlerrm.sqlerrmc);
}

if (qt_limite_ultrapassados_pa > 0)
{
EXEC SQL
INSERT INTO adm_objetos.pgdas_03120_rec_ativ_fx_b
(

```

```

        sq_arquivo,
        sq_registro,
sq_atividade,
sq_filial,
vl_aliq_apurada_ativ,
pc_aliq_apurada_cofins,
vl_apurado_cofins,
pc_aliq_apurada_csll,
vl_apurado_csll,
pc_aliq_apurada_icms,
vl_apurado_icms,
pc_aliq_apurada_inss,
vl_apurado_inss,
pc_aliq_apurada_ipi,
vl_apurado_ipi,
pc_aliq_apurada_irpj,
vl_apurado_irpj,
pc_aliq_apurada_iss,
vl_apurado_iss,
pc_aliq_apurada_pis,
vl_apurado_pis
)
VALUES      (
        :Nsq_arquivo,
        :Nsq_registro,
        :Nsq_atividade,
        :Nsq_filial,
        :vl_somatorio_aliquotas_b,
        :pc_aliq_apurada_cofins_b,
        :vl_apurado_cofins_b,
        :pc_aliq_apurada_csll_b,
        :vl_apurado_csll_b,
        :pc_aliq_apurada_icms_b,
        :vl_apurado_icms_b,
        :pc_aliq_apurada_inss_b,
        :vl_apurado_inss_b,
        :pc_aliq_apurada_ipi_b,
        :vl_apurado_ipi_b,
        :pc_aliq_apurada_irpj_b,
        :vl_apurado_irpj_b,
        :pc_aliq_apurada_iss_b,
        :vl_apurado_iss_b,
        :pc_aliq_apurada_pis_b,
        :vl_apurado_pis_b
);
if (sqlca.sqlcode != 0)
{
    fprintf(fp_output,"%s - erro INSERT INTO pgdas_03120_rec_ativ_fx_b .\n",CurrentDateTime(DataHora,1));
    sql_error(sqlca.sqlerrm.sqlerrmc);
}

```

```

    }
    if (qt_limite_ultrapassados_pa > 1)
    {
EXEC SQL
    INSERT INTO adm_objetos.pgdas_03130_rec_ativ_fx_c
    (
        sq_arquivo,
        sq_registro,
sq_atividade,
sq_filial,
vl_aliq_apurada_ativ,
pc_aliq_apurada_cofins,
vl_apurado_cofins,
pc_aliq_apurada_csll,
vl_apurado_csll,
pc_aliq_apurada_icms,
vl_apurado_icms,
pc_aliq_apurada_inss,
vl_apurado_inss,
pc_aliq_apurada_ipi,
vl_apurado_ipi,
pc_aliq_apurada_irpj,
vl_apurado_irpj,
pc_aliq_apurada_iss,
vl_apurado_iss,
pc_aliq_apurada_pis,
vl_apurado_pis
    )
    VALUES      (
        :Nsq_arquivo,
        :Nsq_registro,
        :Nsq_atividade,
        :Nsq_filial,
        :vl_somatorio_aliquotas_c,
        :pc_aliq_apurada_cofins_c,
        :vl_apurado_cofins_c,
        :pc_aliq_apurada_csll_c,
        :vl_apurado_csll_c,
        :pc_aliq_apurada_icms_c,
        :vl_apurado_icms_c,
        :pc_aliq_apurada_inss_c,
        :vl_apurado_inss_c,
        :pc_aliq_apurada_ipi_c,
        :vl_apurado_ipi_c,
        :pc_aliq_apurada_irpj_c,
        :vl_apurado_irpj_c,
        :pc_aliq_apurada_iss_c,
        :vl_apurado_iss_c,
        :pc_aliq_apurada_pis_c,
        :vl_apurado_pis_c
    );

```

```

if (sqlca.sqlcode != 0)
{
    fprintf(fp_output,"%s - erro INSERT INTO pgdas_03130_rec_ativ_fx_c .\n",CurrentDateTime(DataHora,1));
    sql_error(sqlca.sqlerrm.sqlerrmc);
}

}

}

else
{
    strcpy(sg_uf,mExtractField(buf_aux,Separator,2,Field,FieldSize));
    cd_municipio      = atol(mExtractField(buf_aux,Separator,3,Field,FieldSize));
    vl_receita_atividade      = atof(mExtractFieldFloat(buf_aux,Separator,4,Field,FieldSize));
    fg_cofins           = atol(mExtractField(buf_aux,Separator,5,Field,FieldSize));
    fg_csll             = atol(mExtractField(buf_aux,Separator,6,Field,FieldSize));
    fg_icms             = atol(mExtractField(buf_aux,Separator,7,Field,FieldSize));
    fg_inss             = atol(mExtractField(buf_aux,Separator,8,Field,FieldSize));
    fg_ipi              = atol(mExtractField(buf_aux,Separator,9,Field,FieldSize));
    fg_irpj             = atol(mExtractField(buf_aux,Separator,10,Field,FieldSize));
    fg_iss              = atol(mExtractField(buf_aux,Separator,11,Field,FieldSize));
    fg_pis              = atol(mExtractField(buf_aux,Separator,12,Field,FieldSize));
    vl_somatorio_aliquotas      = atof(mExtractFieldFloat(buf_aux,Separator,13,Field,FieldSize));
    vl_imposto            = atof(mExtractFieldFloat(buf_aux,Separator,14,Field,FieldSize));
    pc_aliq_apurada_cofins      = atof(mExtractFieldFloat(buf_aux,Separator,15,Field,FieldSize));
    vl_apurado_cofins          = atof(mExtractFieldFloat(buf_aux,Separator,16,Field,FieldSize));
    pc_aliq_apurada_csll        = atof(mExtractFieldFloat(buf_aux,Separator,17,Field,FieldSize));
    vl_apurado_csll            = atof(mExtractFieldFloat(buf_aux,Separator,18,Field,FieldSize));
    pc_aliq_apurada_icms        = atof(mExtractFieldFloat(buf_aux,Separator,19,Field,FieldSize));
    vl_apurado_icms            = atof(mExtractFieldFloat(buf_aux,Separator,20,Field,FieldSize));
    pc_aliq_apurada_inss        = atof(mExtractFieldFloat(buf_aux,Separator,21,Field,FieldSize));
    vl_apurado_inss            = atof(mExtractFieldFloat(buf_aux,Separator,22,Field,FieldSize));
    pc_aliq_apurada_ipi         = atof(mExtractFieldFloat(buf_aux,Separator,23,Field,FieldSize));
    vl_apurado_ipi             = atof(mExtractFieldFloat(buf_aux,Separator,24,Field,FieldSize));
    pc_aliq_apurada_irpj        = atof(mExtractFieldFloat(buf_aux,Separator,25,Field,FieldSize));
    vl_apurado_irpj            = atof(mExtractFieldFloat(buf_aux,Separator,26,Field,FieldSize));
    pc_aliq_apurada_iss         = atof(mExtractFieldFloat(buf_aux,Separator,27,Field,FieldSize));
    vl_apurado_iss             = atof(mExtractFieldFloat(buf_aux,Separator,28,Field,FieldSize));
    pc_aliq_apurada_pis         = atof(mExtractFieldFloat(buf_aux,Separator,29,Field,FieldSize));
    vl_apurado_pis             = atof(mExtractFieldFloat(buf_aux,Separator,30,Field,FieldSize));
    vl_diferenca_imposto        = atof(mExtractFieldFloat(buf_aux,Separator,31,Field,FieldSize));
    nu_maior_tributo           = atol(mExtractField(buf_aux,Separator,32,Field,FieldSize));

    EXEC SQL
        INSERT INTO adm_objetos.pgdas_03110_rec_ativ_fx_a
        (
            sq_arquivo,
            sq_registro,
            sq_atividade,
            sq_filial,

```

sg\_uf,  
cd\_municipio,  
vl\_receita\_atividade,  
fg\_cofins,  
fg\_csll,  
fg\_icms,  
fg\_inss,  
fg\_ipi,  
fg\_irpj,  
fg\_iss,  
fg\_pis,  
vl\_somatorio\_aliquotas,  
vl\_imposto,  
pc\_aliq\_apurada\_cofins,  
vl\_apurado\_cofins,  
pc\_aliq\_apurada\_csll,  
vl\_apurado\_csll,  
pc\_aliq\_apurada\_icms,  
vl\_apurado\_icms,  
pc\_aliq\_apurada\_inss,  
vl\_apurado\_inss,  
pc\_aliq\_apurada\_ipi,  
vl\_apurado\_ipi,  
pc\_aliq\_apurada\_irpj,  
vl\_apurado\_irpj,  
pc\_aliq\_apurada\_iss,  
vl\_apurado\_iss,  
pc\_aliq\_apurada\_pis,  
vl\_apurado\_pis,  
vl\_diferenca\_imposto,  
nu\_maior\_tributo  
)

VALUES (  
          :Nsq\_arquivo,  
          :Nsq\_registro,  
          :Nsq\_atividade,  
          :Nsq\_filial,  
:sg\_uf,  
:cd\_municipio,  
:vl\_receita\_atividade,  
:fg\_cofins,  
:fg\_csll,  
:fg\_icms,  
:fg\_inss,  
:fg\_ipi,  
:fg\_irpj,  
:fg\_iss,  
:fg\_pis,  
:vl\_somatorio\_aliquotas,  
:vl\_imposto,  
:pc\_aliq\_apurada\_cofins,



```

:vl_apurado_cofins,
:pc_aliq_apurada_csll,
:vl_apurado_csll,
:pc_aliq_apurada_icms,
:vl_apurado_icms,
:pc_aliq_apurada_inss,
:vl_apurado_inss,
:pc_aliq_apurada_ipi,
:vl_apurado_ipi,
:pc_aliq_apurada_irpj,
:vl_apurado_irpj,
:pc_aliq_apurada_iss,
:vl_apurado_iss,
:pc_aliq_apurada_pis,
:vl_apurado_pis,
:vl_diferenca_imposto,
:nu_maior_tributo
    );

    if (sqlca.sqlcode != 0)
    {
        fprintf(fp_output,"%s - erro INSERT INTO pgdas_03110_rec_ativ_fx_a .\n",CurrentDateTime(DataHora,1));
        sql_error(sqlca.sqlerrm.sqlerrmc);
    }

}
}
/*****/
/* Funo Gravar Informao Atividade */
/*****/
void ProcessarInformAtividade (char *buf_aux)
{
    int tp_atividade;
    float vl_total_receita_atividade;

    tp_atividade = atol(mExtractField(buf_aux,Separator,2,Field,FieldSize));
    vl_total_receita_atividade = atof(mExtractFieldFloat(buf_aux,Separator,3,Field,FieldSize));

    Nsq_atividade++;

EXEC SQL
    INSERT INTO adm_objetos.PGDAS_03100_ATIVIDADE (sq_arquivo,
                                                    sq_registro,
                                                    tp_atividade,
                                                    vl_total_receita_atividade,
                                                    sq_atividade,
                                                    sq_filial)

VALUES (:Nsq_arquivo,
        :Nsq_registro,
        :tp_atividade,
        :vl_total_receita_atividade,

```

```

        :Nsq_atividade,
        :Nsq_filial
    );

    if (sqlca.sqlcode != 0)
    {
        fprintf(fp_output,"%s - erro INSERT INTO PGDAS_03100_ATIVIDADE.\n",CurrentDateTime(DataHora,1));
        sql_error(sqlca.sqlerrm.sqlerrmc);
    }

}

/*****/
/* Funo Gravar Informao Estabelecimento Filial */
/*****/
void ProcessarInformEstabelecFilial (char *buf_aux)
{
    char nu_cnpj_filial[14+1];
    char sg_uf[2+1];
    int cd_municipio;
    float vl_total_receita_filial;
    float nu_indice_majoracao_estadual;
    float vl_limite;
    double vl_perc_exc_faixa1=0.0000000000000000;
    double vl_perc_exc_faixa2=0.0000000000000000;

    double VL_PERC_EXC_FAIXA1_MERC_INT = 0.0000000000000000;
    double VL_PERC_EXC_FAIXA2_MERC_INT = 0.0000000000000000;
    double VL_PERC_EXC_FAIXA1_MERC_EXT = 0.0000000000000000;
    double VL_PERC_EXC_FAIXA2_MERC_EXT = 0.0000000000000000;

    float nresult;

    qt_limite_ultrapassados_pa=0;

    Nsq_filial++;

    strcpy(nu_cnpj_filial,mExtractField(buf_aux,Separator,2,Field,FieldSize));
    strcpy(sg_uf,mExtractField(buf_aux,Separator,3,Field,FieldSize));
    cd_municipio = atol(mExtractField(buf_aux,Separator,4,Field,FieldSize));
    vl_total_receita_filial = atof(mExtractFieldFloat(buf_aux,Separator,5,Field,FieldSize));
    nu_indice_majoracao_estadual = atof(mExtractFieldFloat(buf_aux,Separator,6,Field,FieldSize));
    vl_limite = atof(mExtractFieldFloat(buf_aux,Separator,7,Field,FieldSize));
    qt_limite_ultrapassados_pa = atol(mExtractField(buf_aux,Separator,8,Field,FieldSize));
    vl_perc_exc_faixa1 = atof(mExtractFieldFloat(buf_aux,Separator,9,Field,FieldSize));
    vl_perc_exc_faixa2 = atof(mExtractFieldFloat(buf_aux,Separator,10,Field,FieldSize));

    /*****/
    /* Em: 08/05/2016 - Por: JN Rodrigues */
    /*****/
    if (cd_versao >= 128)
    {

```

```

VL_PERC_EXC_FAIXA1_MERC_INT = atof(mExtractFieldFloat(buf_aux,Separator,11,Field,FieldSize));
VL_PERC_EXC_FAIXA2_MERC_INT = atof(mExtractFieldFloat(buf_aux,Separator,12,Field,FieldSize));
VL_PERC_EXC_FAIXA1_MERC_EXT = atof(mExtractFieldFloat(buf_aux,Separator,13,Field,FieldSize));
VL_PERC_EXC_FAIXA2_MERC_EXT = atof(mExtractFieldFloat(buf_aux,Separator,14,Field,FieldSize));
}

```

#### EXEC SQL

```

INSERT INTO adm_objetos.PGDAS_03000_ESTABELECE_FILIAL

```

```

    (sq_arquivo,
    sq_registro,
    sq_filial,
    nu_cnpj_filial,
    sg_uf,
    cd_municipio,
    vl_total_receita_filial,
    nu_indice_majoracao_estadual,
    vl_limite,
    qt_limite_ultrapassados_pa,
    vl_perc_exc_faixa1,
    vl_perc_exc_faixa2,
    /*****/
    /* Em: 08/05/2016 - Por: JN Rodrigues */
    /*****/
    VL_PERC_EXC_FAIXA1_MERC_INT,
    VL_PERC_EXC_FAIXA2_MERC_INT,
    VL_PERC_EXC_FAIXA1_MERC_EXT,
    VL_PERC_EXC_FAIXA2_MERC_EXT
)

```

```

VALUES (:Nsq_arquivo,
        :Nsq_registro,
        :Nsq_filial,
        :nu_cnpj_filial,
        :sg_uf,
        :cd_municipio,
        :vl_total_receita_filial,
        :nu_indice_majoracao_estadual,
        :vl_limite,
        :qt_limite_ultrapassados_pa,
        :vl_perc_exc_faixa1,
        :vl_perc_exc_faixa2,
        /*****/
        /* Em: 08/05/2016 - Por: JN Rodrigues */
        /*****/
        :VL_PERC_EXC_FAIXA1_MERC_INT,
        :VL_PERC_EXC_FAIXA2_MERC_INT,
        :VL_PERC_EXC_FAIXA1_MERC_EXT,
        :VL_PERC_EXC_FAIXA2_MERC_EXT
);

```

```

if (sqlca.sqlcode != 0)
{

```

```

        fprintf(fp_output,"%s - erro INSERT INTO
PGDAS_03000_ESTABELEC_FILIAL.\n",CurrentDateTime(DataHora,1));
        sql_error(sqlca.sqlerrm.sqlerrmc);
    }

}

/*****/
/*  Funo Gravar Informao Receita Bruta Anterior Valor original  */
/*****/

void ProcessarReceitaBrutaValOriginal (char *buf_aux)
{

    float VL_REC_BRUTA_ULT_12_MESES = 0;
    float VL_REC_BRUTA_ANO_CAEND_ANT = 0;
    float VL_REC_BRUTA_ANO_CAENDARIO = 0;
    float VL_REC_BRUTA_ULT_12_MESES_O = 0;
    float VL_REC_BRUTA_ANO_CAL_ANT_O = 0;
    float VL_FIXO_ICMS = 0;
    float VL_FIXO_ISS = 0;
    float VL_RBAA_INT = 0;
    float VL_RBAA_INT0 = 0;
    float VL_RBAA_EXT = 0;
    float VL_RBAA_EXT0 = 0;

    /*****/
    /* Em: 08/05/2016 - Por: JN Rodrigues */
    /*****/
    float VL_RB_ANOCAL_MERC_INT = 0;
    float VL_RB_ULT12MESES_MERC_INT = 0;
    float VL_RB_ULT12MESES_ORIG_MERC_INT = 0;
    float VL_RB_ANOCAL_MERC_EXT = 0;
    float VL_RB_ULT12MESES_MERC_EXT = 0;
    float VL_RB_ULT12MESES_ORIG_MERC_EXT = 0;


    VL_REC_BRUTA_ULT_12_MESES = atof(mExtractFieldFloat(buf_aux,Separator,2,Field,FieldSize));
    VL_REC_BRUTA_ANO_CAEND_ANT = atof(mExtractFieldFloat(buf_aux,Separator,3,Field,FieldSize));
    VL_REC_BRUTA_ANO_CAENDARIO = atof(mExtractFieldFloat(buf_aux,Separator,4,Field,FieldSize));
    VL_REC_BRUTA_ULT_12_MESES_O = atof(mExtractFieldFloat(buf_aux,Separator,5,Field,FieldSize));
    VL_REC_BRUTA_ANO_CAL_ANT_O = atof(mExtractFieldFloat(buf_aux,Separator,6,Field,FieldSize));
    VL_FIXO_ICMS = atof(mExtractFieldFloat(buf_aux,Separator,7,Field,FieldSize));
    VL_FIXO_ISS = atof(mExtractFieldFloat(buf_aux,Separator,8,Field,FieldSize));
    VL_RBAA_INT = atof(mExtractFieldFloat(buf_aux,Separator,9,Field,FieldSize));
    VL_RBAA_INT0 = atof(mExtractFieldFloat(buf_aux,Separator,10,Field,FieldSize));
    VL_RBAA_EXT = atof(mExtractFieldFloat(buf_aux,Separator,11,Field,FieldSize));
    VL_RBAA_EXT0 = atof(mExtractFieldFloat(buf_aux,Separator,12,Field,FieldSize));


    /*****/
    /* Em: 08/05/2016 - Por: JN Rodrigues */
    /*****/
    if (cd_versao >= 128)
    {

```

```

VL_RB_ULT12MESES_ORIG_MERC_INT = atof(mExtractFieldFloat(buf_aux,Separator,13,Field,FieldSize));
VL_RB_ULT12MESES_MERC_INT = atof(mExtractFieldFloat(buf_aux,Separator,14,Field,FieldSize));
VL_RB_ANOCAL_MERC_INT = atof(mExtractFieldFloat(buf_aux,Separator,15,Field,FieldSize));
VL_RB_ANOCAL_MERC_EXT = atof(mExtractFieldFloat(buf_aux,Separator,16,Field,FieldSize));
VL_RB_ULT12MESES_MERC_EXT = atof(mExtractFieldFloat(buf_aux,Separator,17,Field,FieldSize));
VL_RB_ULT12MESES_ORIG_MERC_EXT = atof(mExtractFieldFloat(buf_aux,Separator,18,Field,FieldSize));
}

```

EXEC SQL

```

INSERT INTO adm_objetos.PGDAS_02000_REC_BRUTA_ANTERIOR
(sq_arquivo,
sq_registro,
vl_rec_bruta_ult_12_meses,
vl_rec_bruta_ano_calend_ant,
vl_rec_bruta_ano_calendario,
vl_rec_bruta_ult_12_meses_o,
vl_rec_bruta_ano_cal_ant_o,
vl_fixo_icms,
vl_fixo_iss,
VL_RBAA_INT,
VL_RBAA_INT0,
VL_RBAA_EXT,
VL_RBAA_EXT0,
/******
/* Em: 08/05/2016 - Por: JN Rodrigues */
/******
VL_RB_ANOCAL_MERC_INT,
VL_RB_ULT12MESES_MERC_INT,
VL_RB_ULT12MESES_ORIG_MERC_INT,
VL_RB_ANOCAL_MERC_EXT,
VL_RB_ULT12MESES_MERC_EXT,
VL_RB_ULT12MESES_ORIG_MERC_EXT
)

```

```

VALUES (:Nsq_arquivo,
:Nsq_registro,
:VL_REC_BRUTA_ULT_12_MESES,
:VL_REC_BRUTA_ANO_CALEND_ANT,
:VL_REC_BRUTA_ANO_CALENDARIO,
:VL_REC_BRUTA_ULT_12_MESES_O,
:VL_REC_BRUTA_ANO_CAL_ANT_O,
:VL_FIXO_ICMS,
:VL_FIXO_ISS,
:VL_RBAA_INT,
:VL_RBAA_INT0,
:VL_RBAA_EXT,
:VL_RBAA_EXT0,
/******
/* Em: 08/05/2016 - Por: JN Rodrigues */
/******
:VL_RB_ANOCAL_MERC_INT,
:VL_RB_ULT12MESES_MERC_INT,

```

```
:VL_RB_ULT12MESES_ORIG_MERC_INT,
:VL_RB_ANOCAL_MERC_EXT,
:VL_RB_ULT12MESES_MERC_EXT,
:VL_RB_ULT12MESES_ORIG_MERC_EXT
);
```

```
if (sqlca.sqlcode != 0)
{
    fprintf(fp_output,"%s - erro INSERT INTO
PGDAS_02000_REC_BRUTA_ANTERIOR.\n",CurrentDateTime(DataHora,1));
    sql_error(sqlca.sqlerrm.sqlerrmc);
}
```

```
}
```

```
/*
*****
/*      Funo Gravar Informao Receita Bruta Anterior EXTERNO      */
*****
/*
```

```
void ProcessarReceitaBrutaAnteriorExterno (char *buf_aux)
{
```

```
int  nu_periodo_apuracao = 0;
float vl_receita_bruta;
int y = 1;
int x = 0;
```

```
EncFimLinha = 0;
```

```
while (EncFimLinha == 0) {
    y++;
    x++;
    if (x == 1)
    {
        nu_periodo_apuracao = atol(mExtractFieldOcorrencias(buf_aux,Separator,y,Field,FieldSize));
    }
    else
    {
        if (x == 2)
        {
            vl_receita_bruta = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
            x = 0;
        }
    }
}
```

```
EXEC SQL
```

```
INSERT INTO adm_objetos.PGDAS_01502_RBA_MERCADO_EXT
(sq_arquivo, sq_registro, nu_periodo_apuracao, vl_rec_bruta_mercado_externo)
VALUES (:Nsq_arquivo,:Nsq_registro,:nu_periodo_apuracao,:vl_receita_bruta);
```

```
if (sqlca.sqlcode != 0)
{
    fprintf(fp_output,"%s - erro INSERT INTO PGDAS_01502_RBA_MERCADO_EXT.\n",CurrentDateTime(DataHora,1));
}
```

```

sql_error(sqlca.sqlerrm.sqlerrmc);
}

    }
}

}

}

}

}

/******
/*      Funo Gravar Informao Receita Bruta Anterior INTERNO    */
/******
void ProcessarReceitaBrutaAnteriorInterno (char *buf_aux)
{

    int  nu_periodo_apuracao = 0;
    float vl_receita_bruta;
    int y = 1;
    int x = 0;

    EncFimLinha = 0;

    while (EncFimLinha == 0) {
        y++;
        x++;
        if (x == 1)
        {
            nu_periodo_apuracao = atol(mExtractFieldOcorrencias(buf_aux,Separator,y,Field,FieldSize));
        }
        else
        {
            if (x == 2)
            {
                vl_receita_bruta = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
                x = 0;
            }
        }
    }

    EXEC SQL
    INSERT INTO adm_objetos.PGDAS_01501_RBA_MERCADO_INT
    (sq_arquivo, sq_registro, nu_periodo_apuracao, vl_rec_bruta_mercado_interno)
    VALUES  (:Nsq_arquivo,:Nsq_registro,:nu_periodo_apuracao,:vl_receita_bruta);

    if (sqlca.sqlcode != 0)
    {
        fprintf(fp_output,"%s - erro INSERT INTO PGDAS_01501_RBA_MERCADO_INT.\n",CurrentDateTime(DataHora,1));
        sql_error(sqlca.sqlerrm.sqlerrmc);
    }

    }
}

}

```

```

}
/*****/
/*      Funo Gravar Informao Receita Bruta Anterior      */
/*****/

void ProcessarReceitaBrutaAnterior (char *buf_aux)
{

    int  nu_periodo_apuracao = 0;
    float vl_receita_bruta;
    int y = 1;
    int x = 0;

    EncFimLinha = 0;

    while (EncFimLinha == 0) {
        y++;
        x++;
        if (x == 1)
        {
            nu_periodo_apuracao = atol(mExtractFieldOcorrencias(buf_aux,Separator,y,Field,FieldSize));
        }
        else
        {
            if (x == 2)
            {
                vl_receita_bruta = atof(mExtractFieldFloatOcorrencias(buf_aux,Separator,y,Field,FieldSize));
                x = 0;
            }
        }

        EXEC SQL
        INSERT INTO adm_objetos.PGDAS_01500_REC_BRUTA_ANTERIOR
        (sq_arquivo, sq_registro, nu_periodo_apuracao, vl_receita_bruta)
        VALUES  (:Nsq_arquivo,:Nsq_registro,:nu_periodo_apuracao,:vl_receita_bruta);

        if (sqlca.sqlcode != 0)
        {
            fprintf(fp_output,"%s - erro INSERT INTO
            PGDAS_01500_REC_BRUTA_ANTERIOR.\n",CurrentDateTime(DataHora,1));
            sql_error(sqlca.sqlerrm.sqlerrmc);
        }

        }

    }

}

/*****/
/*      Funo Gravar Informao Valor Apurado      */
/*****/

```



```

void ProcessarInformacaoValApurado (char *buf_aux)
{
    char nu_guia_das[17+1];
    float vl_principal;
    float vl_multa;
    float vl_juros;
    float vl_total_devido;
    char dt_vencimento[8+1];
    char dt_validade_calculo[8+1];
    float vl_total_das_informado;

    strcpy(nu_guia_das,mExtractField(buf_aux,Separator,2,Field,FieldSize));
    vl_principal      = atof(mExtractFieldFloat(buf_aux,Separator,3,Field,FieldSize));
    vl_multa          = atof(mExtractFieldFloat(buf_aux,Separator,4,Field,FieldSize));
    vl_juros           = atof(mExtractFieldFloat(buf_aux,Separator,5,Field,FieldSize));
    vl_total_devido   = atof(mExtractFieldFloat(buf_aux,Separator,6,Field,FieldSize));
    strcpy(dt_vencimento,mExtractField(buf_aux,Separator,7,Field,FieldSize));
    strcpy(dt_validade_calculo,mExtractField(buf_aux,Separator,8,Field,FieldSize));
    vl_total_das_informado = atof(mExtractFieldFloat(buf_aux,Separator,9,Field,FieldSize));
}

```

#### EXEC SQL

```

INSERT INTO adm_objetos.PGDAS_01000_CALC_VAL_APURADO (sq_arquivo,
                                                    sq_registro,
                                                    nu_guia_das,
                                                    vl_principal,
                                                    vl_multa,
                                                    vl_juros,
                                                    vl_total_devido,
                                                    dt_vencimento,
                                                    dt_validade_calculo,
                                                    vl_total_das_informado)

VALUES (:Nsq_arquivo,
        :Nsq_registro,
        :nu_guia_das,
        :vl_principal,
        :vl_multa,
        :vl_juros,
        :vl_total_devido,
        :dt_vencimento,
        :dt_validade_calculo,
        :vl_total_das_informado
        );

if (sqlca.sqlcode != 0)
{
    fprintf(fp_output,"%s - erro INSERT INTO
PGDAS_01000_CALC_VAL_APURADO.\n",CurrentDateTime(DataHora,1));
    sql_error(sqlca.sqlerrm.sqlerrmc);
}
}

```

```

/*****/
/*      Função Gravar Informação Contribuinte Não Optante      */
/*****/
void ProcessarInformContribNaoOptante(char *buf_aux)
{

    int  cd_admtrib;
    char sg_uf      [2+1];
    char dc_municipio [50+1];
    int  cd_municipio;
    char nu_processo  [24+1];

    cd_admtrib      = atol(mExtractField(buf_aux,Separator,2,Field,FieldSize));
    strcpy(sg_uf,mExtractField(buf_aux,Separator,3,Field,FieldSize));
    strcpy(dc_municipio,mExtractField(buf_aux,Separator,4,Field,FieldSize));
    cd_municipio    = atol(mExtractField(buf_aux,Separator,5,Field,FieldSize));
    strcpy(nu_processo,mExtractField(buf_aux,Separator,6,Field,FieldSize));

    EXEC SQL
        INSERT INTO adm_objetos.PGDAS_00001_CONTRIB_N_OPTANTE (sq_arquivo,
                                                                sq_registro,
                                                                cd_admtrib,
                                                                sg_uf,
                                                                dc_municipio,
                                                                cd_municipio,
                                                                nu_processo)

        VALUES (:Nsq_arquivo,
                :Nsq_registro,
                :cd_admtrib,
                :sg_uf,
                :dc_municipio,
                :cd_municipio,
                :nu_processo
                );

    if (sqlca.sqlcode != 0)
    {
        fprintf(fp_output,"%s - erro INSERT INTO
PGDAS_00001_CONTRIB_N_OPTANTE.\n",CurrentDateTime(DataHora,1));
        sql_error(sqlca.sqlerrm.sqlerrmc);
    }

}

/*****/
/*      Funo Gravar Identificao Arquivo Digital      */
/*****/
void GravarIdentArquivo (char *buf_aux)
{

    char nm_arquivo[250+1];
    char dt_inicio[8+1];

```

```

char dt_final[8+1];
char dt_inclusao[18+1];
char nm_usuario_inclusao[30+1];

cd_versao = atol(mExtractField(buf_aux,Separator,2,Field,FieldSize));
strcpy(nm_arquivo,p->d_name);
strcpy(dt_inicio,mExtractField(buf_aux,Separator,3,Field,FieldSize));
strcpy(dt_final,mExtractField(buf_aux,Separator,4,Field,FieldSize));
strcpy(dt_inclusao,CurrentDateTime(DataHora,2));
strcpy(nm_usuario_inclusao,usuario);

```

#### EXEC SQL

```

INSERT INTO adm_objetos.PGDAS_ARQUIVO_DIGITAL
        (sq_arquivo,
         cd_versao,
         nm_arquivo,
         dt_inicio,
         dt_final,
         dt_inclusao,
         nm_usuario_inclusao)
VALUES (:Nsq_arquivo,
        :cd_versao,
        :nm_arquivo,
        to_date(:dt_inicio,'yyyymmdd'),
        to_date(:dt_final,'yyyymmdd'),
        to_date(:dt_inclusao,'yyyymmdd hh24:mi:ss'),
        :nm_usuario_inclusao
        );

if (sqlca.sqlcode != 0)
{
    fprintf(fp_output,"%s - erro INSERT INTO PGDAS_ARQUIVO_DIGITAL.\n",CurrentDateTime(DataHora,1));
    sql_error(sqlca.sqlerrm.sqlerrmc);
}
}

/*****
/*  Funo Tratamento Dados de Identificao Contribuinte  */
*****/

void ProcessarIdentContribuinte (char *buf_aux)
{
    char  Vnu_recibo[17+1];
    char  Vnu_autenticacao[20+1];
    char  Vdt_transmissao[14+1];
    char  Vcd_versao[20+1];

    char  Vnm_contribuinte[100+1];
    int   Ncd_municipio;
    char  Vtp_optante[1+1];
    char  Vdt_abertura[8+1];
    int   Nnu_periodo_apuracao;
    float Nvl_receita_bruta_periodo = 0;

```

```
float Nvl_razao_folha_salarial = 0;
float Nnu_indice_majoracao_nacional = 0;
char Vtp_operacao[1+1];
char Vdt_registro_xml[14+1];
char Vtp_regime[1+1];
float Nvl_rec_bruta_pa_rc = 0;
float Nvl_rbpa_regime_compet_interno = 0;
float Nvl_rbpa_regime_compet_externo = 0;
float Nvl_rec_bruta_pa_cx_interna = 0;
float Nvl_rec_bruta_pa_cx_externa = 0;
float Nnu_ind_majoracao_federal_int = 0;
float Nnu_ind_majoracao_federal_ext = 0;
```

```
int nTipoFlagUltimaDeclar = 0;
char cRowId[50];
int nRk = 0;
```

```
Nsq_registro++;
```

```
Nsq_atividade = 0;
```

```
Nsq_filial = 0;
```

```
if (nVersaoPgdasD==1)
{
    strcpy(Vid_declaracao,mExtractField(buf_aux,Separator,2,Field,FieldSize));

    strcpy(Vnu_recibo,mExtractField(buf_aux,Separator,3,Field,FieldSize));

    strcpy(Vnu_autenticacao,mExtractField(buf_aux,Separator,4,Field,FieldSize));

    strcpy(Vdt_transmissao,mExtractField(buf_aux,Separator,5,Field,FieldSize));

    strcpy(Vcd_versao,mExtractField(buf_aux,Separator,6,Field,FieldSize));

    strcpy(Vnu_cnpj_matriz,mExtractField(buf_aux,Separator,7,Field,FieldSize));

    strcpy(Vnm_contribuinte,mExtractField(buf_aux,Separator,8,Field,FieldSize));
    printf("Vnm_contribuinte: %s.\n",Vnm_contribuinte);
fflush(stdout);
    Ncd_municipio = atol(mExtractField(buf_aux,Separator,9,Field,FieldSize));

    strcpy(Vtp_optante,mExtractField(buf_aux,Separator,10,Field,FieldSize));

    strcpy(Vdt_abertura,mExtractField(buf_aux,Separator,11,Field,FieldSize));

    Nnu_periodo_apuracao = atol(mExtractField(buf_aux,Separator,12,Field,FieldSize));

    Nvl_receita_bruta_periodo = atof(mExtractFieldFloat(buf_aux,Separator,13,Field,FieldSize));

    Nvl_razao_folha_salarial = atof(mExtractFieldFloat(buf_aux,Separator,14,Field,FieldSize));
```

```

Nnu_indice_majoracao_nacional = atof(mExtractFieldFloat(buf_aux,Separator,15,Field,FieldSize));
printf("Nnu_indice_majoracao_nacional: %d.\n",Nnu_indice_majoracao_nacional);
fflush(stdout);
strcpy(Vtp_operacao,mExtractField(buf_aux,Separator,16,Field,FieldSize));
printf("Vtp_operacao: %s.\n",Vtp_operacao);
fflush(stdout);
if (cd_versao >= 128)
{
Vdt_registro_xml[0] = '\0';
strcpy(Vtp_regime,mExtractField(buf_aux,Separator,17,Field,FieldSize));
printf("Vtp_regime: %s.\n",Vtp_regime);
fflush(stdout);
Nvl_rec_bruta_pa_rc = atof(mExtractFieldFloat(buf_aux,Separator,18,Field,FieldSize));
Nvl_rbp_a_regime_compet_interno = atof(mExtractFieldFloat(buf_aux,Separator,19,Field,FieldSize));
Nvl_rbp_a_regime_compet_externo = atof(mExtractFieldFloat(buf_aux,Separator,20,Field,FieldSize));

/*****/
/* Em: 08/05/2016 - Por: JN Rodrigues */
/*****/
Nvl_rec_bruta_pa_cx_interna = atof(mExtractFieldFloat(buf_aux,Separator,21,Field,FieldSize));
Nvl_rec_bruta_pa_cx_externa = atof(mExtractFieldFloat(buf_aux,Separator,22,Field,FieldSize));
Nnu_ind_majoracao_federal_int = atof(mExtractFieldFloat(buf_aux,Separator,23,Field,FieldSize));
Nnu_ind_majoracao_federal_ext = atof(mExtractFieldFloat(buf_aux,Separator,24,Field,FieldSize));
fflush(stdout);
}
else
{
if (cd_versao >= 120)
{
Vdt_registro_xml[0] = '\0';
strcpy(Vtp_regime,mExtractField(buf_aux,Separator,17,Field,FieldSize));
printf("Vtp_regime: %s.\n",Vtp_regime);
fflush(stdout);
Nvl_rec_bruta_pa_rc = atof(mExtractFieldFloat(buf_aux,Separator,18,Field,FieldSize));
Nvl_rbp_a_regime_compet_interno = atof(mExtractFieldFloat(buf_aux,Separator,19,Field,FieldSize));
Nvl_rbp_a_regime_compet_externo = atof(mExtractFieldFloat(buf_aux,Separator,20,Field,FieldSize));
/*****/
/* Em: 08/05/2016 - Por: JN Rodrigues */
/*****/
Nvl_rec_bruta_pa_cx_interna = 0;
Nvl_rec_bruta_pa_cx_externa = 0;
Nnu_ind_majoracao_federal_int = 0;
Nnu_ind_majoracao_federal_ext = 0;
}
else
{
strcpy(Vdt_registro_xml,mExtractField(buf_aux,Separator,17,Field,FieldSize));
Vtp_regime[0] = '\0';
Nvl_rec_bruta_pa_rc = 0;
Nvl_rbp_a_regime_compet_interno = 0;

```

```

Nvl_rbpa_regime_compet_externo = 0;
/*****/
/* Em: 08/05/2016 - Por: JN Rodrigues */
/*****/
Nvl_rec_bruta_pa_cx_interna = 0;
Nvl_rec_bruta_pa_cx_externa = 0;
Nnu_ind_majoracao_federal_int = 0;
Nnu_ind_majoracao_federal_ext = 0;
}
    }
}
else
{
strcpy(Vnu_cnpj_matriz,mExtractField(buf_aux,Separator,2,Field,FieldSize));

strcpy(Vnm_contribuinte,mExtractField(buf_aux,Separator,3,Field,FieldSize));

Ncd_municipio = atol(mExtractField(buf_aux,Separator,4,Field,FieldSize));

strcpy(Vtp_optante,mExtractField(buf_aux,Separator,5,Field,FieldSize));

strcpy(Vdt_abertura,mExtractField(buf_aux,Separator,6,Field,FieldSize));

Nnu_periodo_apuracao = atol(mExtractField(buf_aux,Separator,7,Field,FieldSize));

Nvl_receita_bruta_periodo = atof(mExtractFieldFloat(buf_aux,Separator,8,Field,FieldSize));

Nvl_razao_folha_salarial = atof(mExtractFieldFloat(buf_aux,Separator,9,Field,FieldSize));

Nnu_indice_majoracao_nacional = atof(mExtractFieldFloat(buf_aux,Separator,10,Field,FieldSize));

strcpy(Vtp_operacao,mExtractField(buf_aux,Separator,11,Field,FieldSize));

/*****/
/* Em: 08/05/2016 - Por: JN Rodrigues */
/*****/

if (cd_versao >= 120)
{
Vdt_registro_xml[0] = '\0';
strcpy(Vtp_regime,mExtractField(buf_aux,Separator,12,Field,FieldSize));
printf("Vtp_regime: %s.\n",Vtp_regime);
fflush(stdout);
Nvl_rec_bruta_pa_rc = atof(mExtractFieldFloat(buf_aux,Separator,13,Field,FieldSize));
Nvl_rbpa_regime_compet_interno = atof(mExtractFieldFloat(buf_aux,Separator,14,Field,FieldSize));
Nvl_rbpa_regime_compet_externo = atof(mExtractFieldFloat(buf_aux,Separator,15,Field,FieldSize));
/*****/
/* Em: 08/05/2016 - Por: JN Rodrigues */
/*****/
Nvl_rec_bruta_pa_cx_interna = 0;
Nvl_rec_bruta_pa_cx_externa = 0;

```

```

Nnu_ind_majoracao_federal_int = 0;
Nnu_ind_majoracao_federal_ext = 0;
}
else
{
strcpy(Vdt_registro_xml,mExtractField(buf_aux,Separator,12,Field,FieldSize));
Vtp_regime[0] = '\0';
Nvl_rec_bruta_pa_rc = 0;
Nvl_rbpa_regime_compet_interno = 0;
Nvl_rbpa_regime_compet_externo = 0;
/*****/
/* Em: 08/05/2016 - Por: JN Rodrigues */
/*****/
Nvl_rec_bruta_pa_cx_interna = 0;
Nvl_rec_bruta_pa_cx_externa = 0;
Nnu_ind_majoracao_federal_int = 0;
Nnu_ind_majoracao_federal_ext = 0;
}
}
EXEC SQL
INSERT INTO adm_objetos.PGDAS_00000_CONTRIBUINTE
(sq_arquivo,
sq_registro,
id_declaracao_pgdasd,
nu_recibo_pgdasd,
nu_autenticacao_pgdasd,
dt_transmissao_pgdasd,
cd_versao_pgdasd,
nu_cnpj_matriz,
nm_contribuinte,
cd_municipio,
tp_optante,
dt_abertura,
nu_periodo_apuracao,
vl_receita_bruta_periodo,
vl_razao_folha_salarial,
nu_indice_majoracao_nacional,
tp_operacao,
DT_REGISTRO_XML,
tp_regime,
vl_rec_bruta_pa_rc,
vl_rec_bruta_pa_interno,
vl_rec_bruta_pa_externo,
/*****/
/* Em: 08/05/2016 - Por: JN Rodrigues */
/*****/
vl_rec_bruta_pa_cx_interna,
vl_rec_bruta_pa_cx_externa,
nu_ind_majoracao_federal_int,
nu_ind_majoracao_federal_ext
)

```

```

VALUES (:Nsq_arquivo,
        :Nsq_registro,
:Vid_declaracao,
        :Vnu_recibo,
        :Vnu_autenticacao,
:Vdt_transmissao,
:Vcd-versao,
        :Vnu_cnpj_matriz,
        :Vnm_contribuinte,
        :Ncd_municipio,
        :Vtp_optante,
        :Vdt_abertura,
        :Nnu_periodo_apuracao,
        :Nvl_receita_bruta_periodo,
        :Nvl_razao_folha_salarial,
        :Nnu_indice_majoracao_nacional,
        :Vtp_operacao,
:Vdt_registro_xml,
:Vtp_regime,
:Nvl_rec_bruta_pa_rc,
:Nvl_rbpa_regime_compet_interno,
:Nvl_rbpa_regime_compet_externo,
/*****/
/* Em: 08/05/2016 - Por: JN Rodrigues */
/*****/
:Nvl_rec_bruta_pa_cx_interna,
:Nvl_rec_bruta_pa_cx_externa,
:Nnu_ind_majoracao_federal_int,
:Nnu_ind_majoracao_federal_ext
);

        if (sqlca.sqlcode != 0)
        {
            fprintf(fp_output,"%s - erro INSERT INTO PGDAS_00000_CONTRIBUINTE. %d\n",CurrentDateTime(DataHora,1),Nsq_arquivo);

            sql_error(sqlca.sqlerrm.sqlerrmc);
        }

```

```

EXEC SQL DECLARE cAlterarFlagUltDeclar CURSOR FOR
Select  rwd,
        rownum rk
From    (
Select  /*+ rule */
c.rowid||chr(0) rwd,
c.sq_arquivo,
c.sq_registro,
d.dt_inicio,
d.dt_final,

```



```

c.dt_transmissao_pgdasd
From adm_objetos.pgdas_00000_contribuinte c,
    adm_objetos.pgdas_arquivo_digital d
Where c.sq_arquivo = d.sq_arquivo
And c.nu_cnpj_matriz = :Vnu_cnpj_matriz
And nu_perodo_apuracao = :Nnu_perodo_apuracao
order by d.dt_inicio desc,
    d.dt_final desc,
    c.dt_transmissao_pgdasd desc,
    c.sq_arquivo desc,
    c.sq_registro desc
);

```

```
EXEC SQL OPEN cAlterarFlagUltDeclar;
```

```

if (sqlca.sqlcode != 0)
{
    printf("%s - Erro ao abrir Cursor cAlterarFlagUltDeclar.\n",CurrentDateTime(DataHora,1));
    sql_error(sqlca.sqlerrm.sqlerrmc);
}

```

```
do {
```

```
EXEC SQL FETCH cAlterarFlagUltDeclar INTO :cRowId,
:nRk;
```

```

if ((sqlca.sqlcode != 0) && (sqlca.sqlcode != 1403))
    sql_error(sqlca.sqlerrm.sqlerrmc);

```

```

if (sqlca.sqlcode == 0)
{

```

```

    if (nRk == 1)
    {
        nTipoFlagUltimaDeclar = 1;
    }
    else
    {
        nTipoFlagUltimaDeclar = 0;
    }
}

```

```

EXEC SQL
Update adm_objetos.pgdas_00000_contribuinte c
Set c.fg_ultima_declaracao = :nTipoFlagUltimaDeclar
Where c.rowid = :cRowId;

```

```

if (sqlca.sqlcode != 0)
{
    printf("%s - Erro EXEC SQL Update adm_objetos.pgdas_00000_contribuinte .\n",CurrentDateTime(DataHora,1));
    sql_error(sqlca.sqlerrm.sqlerrmc);
}

```

```

}
} while (sqlca.sqlcode == 0);

}
/*****
/*          Carregar as linhas do arquivo          */
*****/
Processa_Arquivo(char *base_file_dir)
{
char  buf_aux[4096];
int   CtlHeader   = 0;
int   CtlDetalhe  = 0;
int   CtlTrailer  = 0;
int   WordSize    = 0;
int   Tamanho     = 0;
char  vNucleoCnpj[8+1];

FieldSize = sizeof(Field);
strcpy(Separator,"|");

while ((fgets(buf_aux,sizeof(buf_aux),fp_input) != 0) )
{

    ct_lidos++;

    strcpy(vTipoRegistro,mExtractField(buf_aux,Separator,1,Field,FieldSize));

    if (strncmp(vTipoRegistro,"AAAAA",5)==0)
    {
        EXEC SQL
            Select adm_objetos.PGDAS_SQ_ARQUIVO.nextval
            Into   :Nsq_arquivo
            from   dual;

        if (sqlca.sqlcode != 0)
        {
            fprintf(fp_output,"%s - Erro Obtendo Valor da SEQUENCE
PGDAS_SQ_ARQUIVO.\n",CurrentDateTime(DataHora,1));
            sql_error(sqlca.sqlerrm.sqlerrmc);
        }

        GravarIdentArquivo (buf_aux);

        Nsq_registro = 0;
    }
else
{
    if (strncmp(vTipoRegistro,"00000",5)==0)
    {
        nEncMunicipioRN = 0;
    }
}
}

```

```
nEncCnpjRN = 0;
```

```
strcpy(Vnu_cnpj_matriz,mExtractField(buf_aux,Separator,2,Field,FieldSize));
```

```
if (nVersaoPgdasD==1)
```

```
{  
  strcpy(Ncd_municipio,mExtractField(buf_aux,Separator,9,Field,FieldSize));  
}
```

```
else
```

```
{  
  strcpy(Ncd_municipio,mExtractField(buf_aux,Separator,4,Field,FieldSize));  
}
```

```
EXEC SQL
```

```
Select 1
```

```
Into :nEncMunicipioRN
```

```
From ADM_OBJETOS.PGDAS_TABELA_MUNICIPIO t
```

```
Where t.CD_MUNICIPIO_RFB = :Ncd_municipio
```

```
And t.SG_UF_MUNICIPIO1 = 'RN';
```

```
if ((sqlca.sqlcode != 0) && (sqlca.sqlcode != 1403))
```

```
{  
fprintf(fp_output,"%s - erro SELECT PGDAS_TABELA_MUNICIPIO.\n",CurrentDateTime(DataHora,1));  
sql_error(sqlca.sqlerrm.sqlerrmc);  
}
```

```
if (nEncMunicipioRN == 0)
```

```
{  
vNucleoCnpj[0] = Vnu_cnpj_matriz[0];  
vNucleoCnpj[1] = Vnu_cnpj_matriz[1];  
vNucleoCnpj[2] = Vnu_cnpj_matriz[2];  
vNucleoCnpj[3] = Vnu_cnpj_matriz[3];  
vNucleoCnpj[4] = Vnu_cnpj_matriz[4];  
vNucleoCnpj[5] = Vnu_cnpj_matriz[5];  
vNucleoCnpj[6] = Vnu_cnpj_matriz[6];  
vNucleoCnpj[7] = Vnu_cnpj_matriz[7];  
vNucleoCnpj[8] = 0;
```

```
EXEC SQL
```

```
Select 1
```

```
Into :nEncCnpjRN
```

```
From ADM_OBJETOS.CAD_CONTRIBUINTE_MUNICIPAL C
```

```
Where substr(NU_CNPJ_CPF,1,8) = :vNucleoCnpj
```

```
And rownum = 1;
```

```
if ((sqlca.sqlcode != 0) && (sqlca.sqlcode != 1403))
```

```
{  
fprintf(fp_output,"%s - erro SELECT CAD_CONTRIBUINTE_MUNICIPAL .\n",CurrentDateTime(DataHora,1));  
sql_error(sqlca.sqlerrm.sqlerrmc);  
}  
}
```

```

if ((nEncMunicipioRN == 1)|| (nEncCnpjRN == 1))
{
ProcessarIdentContribuinte (buf_aux);
}

}
else
{
if (strncmp(vTipoRegistro,"00001",5)==0)
{
if ((nEncMunicipioRN == 1)|| (nEncCnpjRN == 1))
{
ProcessarInformContribNaoOptante (buf_aux);
}
}
else
{
if (strncmp(vTipoRegistro,"01000",5)==0)
{
if ((nEncMunicipioRN == 1)|| (nEncCnpjRN == 1))
{
ProcessarInformacaoValApurado (buf_aux);
}
}
else
{
if (strncmp(vTipoRegistro,"01500",5)==0)
{
if ((nEncMunicipioRN == 1)|| (nEncCnpjRN == 1))
{
ProcessarReceitaBrutaAnterior (buf_aux);
}
}
else
{
if (strncmp(vTipoRegistro,"01501",5)==0)
{
if ((nEncMunicipioRN == 1)|| (nEncCnpjRN == 1))
{
ProcessarReceitaBrutaAnteriorInterno(buf_aux);
}
}
else
{
if (strncmp(vTipoRegistro,"01502",5)==0)
{
if ((nEncMunicipioRN == 1)|| (nEncCnpjRN == 1))
{
ProcessarReceitaBrutaAnteriorExterno (buf_aux);
}
}
}
}
}
}
}
}

```

```

    }
else
{
if (strcmp(vTipoRegistro,"02000",5)==0)
{
if ((nEncMunicipioRN == 1)|| (nEncCnpjRN == 1))
{
ProcessarReceitaBrutaValOriginal (buf_aux);
}
}
else
{
if (strcmp(vTipoRegistro,"03000",5)==0)
{
if ((nEncMunicipioRN == 1)|| (nEncCnpjRN == 1))
{
ProcessarInformEstabelecFilial (buf_aux);
}
}
else
{
if (strcmp(vTipoRegistro,"03100",5)==0)
{
if ((nEncMunicipioRN == 1)|| (nEncCnpjRN == 1))
{
ProcessarInformAtividade (buf_aux);
}
}
}
else
{
if (strcmp(vTipoRegistro,"03110",5)==0)
{
if ((nEncMunicipioRN == 1)|| (nEncCnpjRN == 1))
{
ProcessarInformRecAtividadeFxA (buf_aux);
}
}
}
else
{
if (strcmp(vTipoRegistro,"03120",5)==0)
{
if ((nEncMunicipioRN == 1)|| (nEncCnpjRN == 1))
{
ProcessarInformRecAtividadeFxB (buf_aux);
}
}
}
else
{
if (strcmp(vTipoRegistro,"03130",5)==0)
{
if ((nEncMunicipioRN == 1)|| (nEncCnpjRN == 1))

```

```

        {
            ProcessarInformRecAtividadeFxC (buf_aux);
        }
    }
else
    {
        if (strncmp(vTipoRegistro,"03500",5)==0)
            {
                if ((nEncMunicipioRN == 1)|| (nEncCnpjRN == 1))
                    {
                        ProcessarInformFolhaSalario (buf_aux);
                    }
            }

        else
            {
                if (strncmp(vTipoRegistro,"04000",5)==0)
                    {

                        if ((nEncMunicipioRN == 1)|| (nEncCnpjRN == 1))
                            {
                                ProcessarInformPerfil (buf_aux);
                            }
                    }

                else
                {
                    if (strncmp(vTipoRegistro,"03111",5)==0)
                        {
                            if ((nEncMunicipioRN == 1)|| (nEncCnpjRN == 1))
                                {
                                    ProcessarInformIsencaoAtividadeFxA (buf_aux);
                                }
                        }
                    else
                        {
                            if (strncmp(vTipoRegistro,"03121",5)==0)
                                {
                                    if ((nEncMunicipioRN == 1)|| (nEncCnpjRN == 1))
                                        {
                                            ProcessarInformIsencaoAtividadeFxB (buf_aux);
                                        }
                                }
                        }
                }
            }
else
    {
        if (strncmp(vTipoRegistro,"03131",5)==0)
            {
                if ((nEncMunicipioRN == 1)|| (nEncCnpjRN == 1))
                    {
                        ProcessarInformIsencaoAtividadeFxC (buf_aux);
                    }
            }
    }

```

```

    }
else
{
    if (strncmp(vTipoRegistro,"03112",5)==0)
    {
        if ((nEncMunicipioRN == 1)|| (nEncCnpjRN == 1))
        {
            ProcessarInformReducaoReceitaAtivFxA (buf_aux);
        }
    }
    else
    {
        if (strncmp(vTipoRegistro,"03122",5)==0)
        {
            if ((nEncMunicipioRN == 1)|| (nEncCnpjRN == 1))
            {
                ProcessarInformReducaoReceitaAtivFxB (buf_aux);
            }
        }
    }
else
{
    if (strncmp(vTipoRegistro,"03132",5)==0)
    {
        if ((nEncMunicipioRN == 1)|| (nEncCnpjRN == 1))
        {
            ProcessarInformReducaoReceitaAtivFxC (buf_aux);
        }
    }
    else
    {

        if (strncmp(vTipoRegistro,"ZZZZZ",5)==0)
        {

            nTotalRegInformado = atol(mExtractField(buf_aux,Separator,2,Field,FieldSize));

        }

        else
        {
            if (strncmp(vTipoRegistro,"99999",5)!=0)
            {
                fprintf(fp_output,"Arquivo PGDAS: %s - Tipo de Registro %s Inválido na Linha: %lu
                !!!",cNomArquivo,cTipRegistro,ct_lidos);

            }
        }
    }
}

EXEC SQL
    UPDATE adm_objetos.PGDAS_NIGHT_BATCH_QUEUE
    SET ST_PROCESSO = 'OFF';

EXEC SQL COMMIT;

DesconectaBD();

```

[illegible]



```

/*          Conecta ao Banco de Dados          */
/*****/
ConectaBD(char *User, char *Password, char *Database)
{
    EXEC SQL BEGIN DECLARE SECTION;
        varchar dbUser      [ 40 ];
        varchar dbPassword  [ 40 ];
        varchar dbDatabase  [ 40 ];
    EXEC SQL END DECLARE SECTION;

    dbUser.len   = strlen(User);
    dbPassword.len = strlen>Password);
    dbDatabase.len = strlen(Database);

    strncpy (dbUser.arr  , User  , dbUser.len  );
    strncpy (dbPassword.arr, Password, dbPassword.len);
    strncpy (dbDatabase.arr, Database, dbDatabase.len);

    oraca.orastxtf = ORASTFERR;
    EXEC SQL CONNECT :dbUser
        IDENTIFIED BY :dbPassword
        USING :dbDatabase;

    return(0);
}

/*****/
/*          Desconecta ao Banco de Dados          */
/*****/
DesconectaBD()
{
    EXEC SQL ROLLBACK;
    EXEC SQL COMMIT WORK RELEASE;
    fprintf(fp_output,"Desconexao com o BD efetuada com sucesso.\n");
}

/*****/
sql_error(msg)
char *msg;
{
    fprintf(fp_output,"\n Nome Arquivo: %s - Tipo Registro: %s - id_declaracao: %s - Erro:
%s\n",vNomeArquivo,vTipoRegistro,Vid_declaracao, msg);
    sqlca.sqlerrm.sqlerrmc[sqlca.sqlerrm.sqlerrml] = '\0';
    oraca.orastxt.orastxtc[oraca.orastxt.orastxtl] = '\0';
    oraca.orasfnm.orasfnmc[oraca.orasfnm.orasfnml] = '\0';
    fprintf(fp_output,"\n Nome Arquivo: %s - Tipo Registro: %s - id_declaracao: %s - Erro:
%s\n",vNomeArquivo,vTipoRegistro,Vid_declaracao, sqlca.sqlerrm.sqlerrmc);
    fprintf(fp_output,"in \"%s...\"\n", oraca.orastxt.orastxtc);
    fprintf(fp_output,"on line %d of %s.\n\n",
    oraca.oraslnr, oraca.orasfnm.orasfnmc);

```

EXEC SQL ROLLBACK;

EXEC SQL

```
UPDATE adm_objetos.PGDAS_NIGHT_BATCH_QUEUE
SET ST_PROCESSO = 'OFF';
```

EXEC SQL COMMIT;

```
DesconectaBD();
exit(1);
```

```

}
/*****/
/*  Move arquivo processado para diretorio especifico  */
/*****/

void Move_Files()
{
    fprintf(fp_output,"Movendo arquivo %s para %s.\n", input_file_name, proc_input_file_name);
    if(rename(input_file_name,proc_input_file_name) == ERRO)
    {
        fprintf(fp_output,"errno = %d .\n",errno);
    }
}

```

EXEC SQL

```
UPDATE adm_objetos.PGDAS_NIGHT_BATCH_QUEUE
SET ST_PROCESSO = 'OFF';
```

EXEC SQL COMMIT;

```
DesconectaBD();
exit(1);
```

```

}
/*****
/*      Move arquivo c/ erro para diretorio especifico      */
*****/

void Move_Files_Erro()
{
    fprintf(fp_output,"Movendo arquivo %s para %s.\n", input_file_name, erro_input_file_name);
    if(rename(input_file_name,erro_input_file_name) == ERRO)
    {
        fprintf(fp_output,"errno = %d .\n",errno);
    }
}

```

EXEC SQL

```
UPDATE adm_objetos.PGDAS_NIGHT_BATCH_QUEUE
SET ST_PROCESSO = 'OFF';
```

EXEC SQL COMMIT;

```
DesconectaBD();
exit(1);
```

```

}
/*****/
void Close_Input_Output_Files()
{
    fclose(fp_input);

}
/*****/
char *mExtractFieldOcorrencias (const char *Line, char *Separator, int Ord, char *Field, int FieldSize)
{
    int N = 1, i, j;

    if (Ord < 1)
        Field[0] = 0;
    else {
        i = 0; while (N < Ord && Line[i] != '\n' && Line[i] != '\r' && Line[i] != 0) if (Line[i++] == *Separator) N++;
        j = i; while (Line[j] != *Separator && Line[j] != '\n' && Line[j] != '\r' && Line[j] != 0) j++;

        if ((Line[j] == '\n') || (Line[j] == '\r') || (Line[j] == 0))
            EncFimLinha = 1;

        N = j - i; if (N >= FieldSize) N = FieldSize - 1;
        memcpy (Field, Line + i, N);
        Field[N] = 0;
    }

    return Field;
}
/*****/
char *mExtractField (const char *Line, char *Separator, int Ord, char *Field, int FieldSize)
{
    int N = 1, i, j;

    if (Ord < 1)
        Field[0] = 0;
    else {
        i = 0; while (N < Ord && Line[i] != '\n' && Line[i] != '\r' && Line[i] != 0) if (Line[i++] == *Separator) N++;
        j = i; while (Line[j] != *Separator && Line[j] != '\n' && Line[j] != '\r' && Line[j] != 0) j++;

        N = j - i; if (N >= FieldSize) N = FieldSize - 1;
        memcpy (Field, Line + i, N);
        Field[N] = 0;
    }

    return Field;
}
/*****/
char *mExtractFieldFloatOcorrencias (const char *Line, char *Separator, int Ord, char *Field, int FieldSize)
{
    int N = 1, i, j;

```

```

if (Ord < 1)
    Field[0] = 0;
else {
    i = 0;
while (N < Ord && Line[i] != '\n' && Line[i] != '\r' && Line[i] != 0) if (Line[i++] == *Separator) N++;
    j = i; while (Line[j] != *Separator && Line[j] != '\n' && Line[j] != '\r' && Line[j] != 0) j++;

    if ((Line[j] == '\n') || (Line[j] == '\r') || (Line[j] == 0))
        EncFimLinha = 1;

    N = j - i; if (N >= FieldSize) N = FieldSize - 1;
    memcpy (Field, Line + i, N);
    Field[N] = 0;
}

i = 0;
for(i = 0; i < strlen(Field); i++)
{
    if (Field[i] == ',')
    {
        Field[i] = '.';
    }
}

return Field;
}
/*****/
char *mExtractFieldFloat (const char *Line, char *Separator, int Ord, char *Field, int FieldSize)
{
    int N = 1, i, j;

    if (Ord < 1)
        Field[0] = 0;
    else {
        i = 0;
while (N < Ord && Line[i] != '\n' && Line[i] != '\r' && Line[i] != 0) if (Line[i++] == *Separator) N++;
        j = i; while (Line[j] != *Separator && Line[j] != '\n' && Line[j] != '\r' && Line[j] != 0) j++;
        N = j - i; if (N >= FieldSize) N = FieldSize - 1;
        memcpy (Field, Line + i, N);
        Field[N] = 0;
    }

    i = 0;
    for(i = 0; i < strlen(Field); i++)
    {
        if (Field[i] == ',')
        {
            Field[i] = '.';
        }
    }
}

```

```

    }

    return Field;
}
/*****/
/* Devolve a data/hora corrente */
/*****/
char *CurrentDateTime (char *DataHora,int formato)
{
    int dia,mes,ano,hora,minuto,segundo;
    struct tm *local;
    time_t t;
    t= time(NULL);
    local=localtime(&t);

    dia=local->tm_mday;
    mes=local->tm_mon+1;
    ano=local->tm_year+1900;
    hora=local->tm_hour;
    minuto=local->tm_min;
    segundo=local->tm_sec;

    if (formato == 1) {
        sprintf(DataHora,"%02lu/%02lu/%02lu %02d:%02d:%02d",dia,mes,ano,hora,minuto,segundo);
    }
    else {
        if (formato == 2)
        {
            sprintf(DataHora,"%04lu%02d%02d%02d%02d%02d",ano,mes,dia,hora,minuto,segundo);
        }
    }
    return DataHora;
}
/*****/
/*      Funcao verifica status do Pid da extracao no Unix      */
/*****/
int StatusProcUnixPid(int N)
{
    int w_ind_status_seq_unix_Pid;

    w_ind_status_seq_unix_Pid = CmdUnix ("-0",N);

    return w_ind_status_seq_unix_Pid;
}
/*****/
/*      Funcao verifica status do PID da extracao no Unix      */
/*****/
int CmdUnix (char *tipoParm, int numPid)
{
    int  verPid      = numPid;

```

```

char cmd_shell_unix [15]="";
char *tipo_Parm_unix = tipoParm;
int resCmd      = 0;

    sprintf(cmd_shell_unix,"kill %s %d",tipo_Parm_unix,verPid);
    resCmd = system(cmd_shell_unix);

    printf("cmd: %s - Resulta: %d\n",cmd_shell_unix,resCmd);

    return resCmd;

}
/*****/
void Get_Password()
{

    char buf_aux[255];

    sprintf(input_file_name,"/sistemas/INCORPORACAO/SIMPLES_NACIONAL/PGDAS/LCK/%s", usuario);

    if((fp_input=fopen(input_file_name,"r")) == NULL)
    {
        fprintf(fp_output,"[%s] Erro na abertura do arquivo restrito de senha.\n",CurrentDateTime(DataHora,1));
        fprintf(fp_output,"[%s] errno = %d.\n", CurrentDateTime(DataHora,1),errno );
        exit(1);
    }

    fread(buf_aux, 1, sizeof(buf_aux), fp_input);

    int i, j = 0;
    for(i = 0; buf_aux[i] != '\n'; i++)
    {
        cPassword[j] = buf_aux[i];

        j++;
    }

}

```

INFF\_Carga\_Dados.pc

```

/*****/
/* Objetivo   : Carregar Dados do INFF                               */
/* Modulo     : INFF                                                */
/*****/

/*****/
#include <stdio.h>
#include <stdlib.h>
#include <time.h>

```

```

#include <sys/types.h>
#include <sys/stat.h>
#include <string.h>
#include <dirent.h>
#include <limits.h>
#include <fcntl.h>
#include <errno.h>
#include <math.h>

/*****/
#include "sqlca.h"
#include "oraca.h"

EXEC ORACLE OPTION (ORACA=YES);
EXEC ORACLE OPTION (PREFETCH=60000);
/*****/

#define MAXFILENAME_SIZE 255
#define MAXPROGNAME_SIZE 50

/*****/
#define DATE_TIME_MASK "%Y/%m/%d %H:%M:%S"
#define DATE_MASK      "%Y/%m/%d"
#define TIME_MASK      "%H:%M:%S"
#define DATE_STR_MASK  "%Y%m"

#define ErroSQL sqlca.sqlcode
#define NRowsFetched sqlca.sqlerrd[2]
#define NoDataFound 1403

char *t_mask_ptr = TIME_MASK;
char *dt_mask_ptr = DATE_TIME_MASK;
char *dt_str_mask_ptr = DATE_STR_MASK;
/*
#define DT_MASK      givetime(dt_mask_ptr)
#define D_MASK       givetime(d_mask_ptr)
#define T_MASK       givetime(t_mask_ptr)
#define DT_STR_MASK  givetime(dt_str_mask_ptr)
*/
/*****/

extern int errno;
char * uppern(char *, int);
char * givetime(char *);
char log_file [MAXFILENAME_SIZE];
char prog_name[MAXPROGNAME_SIZE];
int formato      = 0;
char S           [4096];
char V           [4096];
char Line [4096];
char Separator[1] = "|";
char sql         [255];
int Ord = 0;

```

```

char Field[4096];
int FieldSize = 0;
int Pos = 0;
int ctl = 0;
char DataHora      [18];
int nSqDocumento   = 0;
int nPesquisaArquivo = 0;
char vNomeArquivo   [255];
char cmdSolaris     [255];
int resCmd          = 0;
char Status         [05];
char vAux           [03];
char vSubject       [255];
int nEnviaEmailProblema = 0;
int nEnviaEmailOcorrencia= 0;
int EncFimLinha     = 0;
char cPassword       [50];
char buf_aux[4096];
int WordSize        = 0;

```

```

char cNomArquivo[254+1];
signed int proc_num_pid = 0;
char cStatus          [04];
unsigned long int nTotalRegInformado = 0;
unsigned long int ct_lidos = 0;
unsigned long int ct_lidos_contrib = 0;
unsigned long int nSqArquivo = 0;

```

```

char vNomeArquivo      [255];
char vMascaraFinal      [100];
char cPesqExtensao      [100];
int nPosicaoPesq         = 0;
char Word               [4096];
int nCtaReg = 0;

```

```

/*****

```

```

char *CurrentDateTime (char *DataHora, int formato);
void GravarIdentArquivo (char *buf_aux);
void EnviarEmails();
void PreparaMensagemEmails();
int StatusProcUnixPid(int N);
int CmdUnix (char *tipoParm, int numPid);
char *mNextWord (const char *S,int Pos,char *Word, int Tamanho);
void Move_Files_Erro();
void Move_Files();
void Close_Input_Output_Files();
char *mExtractFieldFloatLinha (const char *Line, char *Separator, int Ord, char *Field, int FieldSize);
char *mExtractFieldFloatOcorrencias (const char *Line, char *Separator, int Ord, char *Field, int FieldSize);
char *mExtractFieldOcorrencias (const char *Line, char *Separator, int Ord, char *Field, int FieldSize);
char *mExtractField (const char *Line, char *Separator, int Ord, char *Field, int FieldSize);

```



```

void Get_Password();
/*****/
char prog_name[MAXPROGNAME_SIZE];

struct dirent *p = NULL;

char input_file_name      [MAXFILENAME_SIZE];
char proc_input_file_name [MAXFILENAME_SIZE];
char erro_input_file_name [MAXFILENAME_SIZE];
char controle_file_name   [MAXFILENAME_SIZE];
char log_file             [MAXFILENAME_SIZE];
char prog_name            [MAXPROGNAME_SIZE];
char file_email           [MAXPROGNAME_SIZE];

#define ERRO              -1
/*****/
FILE *fp_input    = NULL;
FILE *fp_output   = NULL;
FILE *fp_controle = NULL;
FILE *fp_problemas_email = NULL;
FILE *fp_ocorrencias_email = NULL;

/*****/
/* Informacoes sobre o arquivo de log */
/*****/
#define FILE_LOG  0
#define STDOUT_LOG 1
int log_mode = STDOUT_LOG | FILE_LOG;

/*****/
/* Variaveis globais */
/*****/

char *InstanciaBD;
char *usuario;
char *password;

/*****/
int main(int argc, char *argv[])
{

#if VERSAO_PRODUCAO
    char *log_dir    = "/sistemas/INCORPORACAO/INFF/LOG";
    char *in_file_dir = "/sistemas/INCORPORACAO/INFF/PENDENTE";
    char *base_file_dir = "/sistemas/INCORPORACAO/INFF/";

    InstanciaBD = "genipabu";
    usuario = "CARGA_INFF";
    password = "carga";

#endif

```

```

#if VERSAO_TESTE
    char *log_dir    = "/sistemas/INCORPORACAO/INFF/LOG";
    char *in_file_dir = "/sistemas/INCORPORACAO/INFF/PENDENTE";
    char *base_file_dir = "/sistemas/INCORPORACAO/INFF/";

    InstanciaBD = "genipabu";
    usuario     = "CARGA_INFF";
    password    = "carga";
#endif

    time_t t_i = 0, t_f = 0, t_c = 0;
    DIR *dp;

    int i = 0;

    /* Abre arquivo de log e grava nele algumas linhas */
    Open_Log(argv[0], log_dir);

    if((dp = opendir(in_file_dir)) == NULL)
    {
        fprintf(stderr, "Falha na abertura do diretorio %s.\nErrno %d \n",
                in_file_dir, errno);
        exit(1);
    }

    /* Efetuando conexao com o banco */
    printf("=====
=====\\n");

    Get_Password();

    strcpy(Separator, "|");

    fprintf(fp_output, "%s - Efetuando conexao com o BD user: %s --> instancia:
%s\\n", CurrentDateTime(DataHora, 1), usuario, InstanciaBD);
    printf("%s - Efetuando conexao com o BD user: %s --> instancia:
%s\\n", CurrentDateTime(DataHora, 1), usuario, InstanciaBD);

    if(ConectaBD(usuario, cPassword, InstanciaBD) != 0)
    {
        fprintf(fp_output, "%s - Erro ao tentar conexao com o banco de dados - sqlcode =
%d.\\n", CurrentDateTime(DataHora, 1),
                sqlca.sqlcode);
        printf("%s - Erro ao tentar conexao com o banco de dados - sqlcode = %d.\\n", CurrentDateTime(DataHora, 1),
                sqlca.sqlcode);
        exit(1);
    }

    fprintf(fp_output, "Conectado ao BD com sucesso.\\n");

```

```
sprintf(sql, "ALTER SESSION SET NLS_DATE_FORMAT='YYYYMMDDHH24MISS'");
```

```
EXEC SQL EXECUTE IMMEDIATE :sql;
```

```
cStatus[0] = '\0';
```

```
EXEC SQL
```

```
select NU_PID,ST_PROCESSO||chr(0)
```

```
into :proc_num_pid,:cStatus
```

```
from adm_objetos.INFF_NIGHT_BATCH_QUEUE;
```

```
fprintf(fp_output,"cStatus: %s.\n",cStatus);
```

```
if (strncmp(cStatus,"ON",2)==0)
```

```
{
```

```
if (StatusProcUnixPid(proc_num_pid) ==0)
```

```
{
```

```
printf("Existe um processo em execucao!!!.\n");
```

```
closedir(dp);
```

```
DesconectaBD();
```

```
exit(0);
```

```
}
```

```
else
```

```
{
```

```
proc_num_pid = getpid();
```

```
EXEC SQL
```

```
UPDATE adm_objetos.INFF_NIGHT_BATCH_QUEUE
```

```
SET DT_ULT_EXECUCAO = SYSDATE,
```

```
NU_PID = :proc_num_pid;
```

```
EXEC SQL COMMIT;
```

```
}
```

```
}
```

```
else
```

```
{
```

```
if (strncmp(cStatus,"OFF",3)==0)
```

```
{
```

```
proc_num_pid = getpid();
```

```
printf("Processo colocado em execucao - PID: %d .\n",proc_num_pid);
```

```
EXEC SQL
```

```
UPDATE adm_objetos.INFF_NIGHT_BATCH_QUEUE
```

```
SET DT_ULT_EXECUCAO = SYSDATE,
```

```
ST_PROCESSO = 'ON',
```

```
NU_PID = :proc_num_pid;
```

```

if (sqlca.sqlcode != 0)
{
    sql_error(sqlca.sqlerrm.sqlerrmc);
}

    EXEC SQL COMMIT;
}
else
{
    printf("Status do processo em execucao não foi identificado - !!!.\n");
    exit(1);
}
}

while((p = readdir(dp)) != NULL)
{

    sprintf(vNomeArquivo,"%s",p->d_name);

strcpy(cPesqExtensao,mNextWord(vNomeArquivo,0,Word,5));
cPesqExtensao[5]='\0';

sprintf(vMascaraFinal,"%s",cPesqExtensao);

    sprintf(input_file_name,"%s/%s", in_file_dir, p->d_name);

if ((strncmp(vMascaraFinal,"INFF_",5)==0)||((strncmp(vMascaraFinal,"inff_",5)==0))
{
    sprintf(input_file_name,"%s/%s", in_file_dir, p->d_name);
    sprintf(proc_input_file_name,"%s/PROCESSADO/%s", base_file_dir, p->d_name);
    sprintf(erro_input_file_name,"%s/PROBLEMA/%s", base_file_dir, p->d_name);

    /* Procura arquivo na tabela */
    EXEC SQL
    SELECT COUNT(*)
    INTO   :nPesquisaArquivo
    FROM   adm_objetos.INFF_ARQUIVO_DIGITAL
    WHERE  NM_ARQUIVO = :vNomeArquivo;

    if (sqlca.sqlcode != 0)
    {
        sql_error(sqlca.sqlerrm.sqlerrmc);
    }

    if (nPesquisaArquivo > 0)
    {
        Move_Files_Erro();
        fprintf(fp_output,"%s - Arquivo duplicado : %s.\n",CurrentDateTime(DataHora,1),p->d_name);
        fprintf(fp_output,"%s - Arquivo movido p/ directorio erro : %s.\n",CurrentDateTime(DataHora,1),p->d_name);
    }
}

```

```

    }
else
{
fprintf(fp_output,"=====
=====\\n");

```

```

fprintf(fp_output,"Abrindo arquivo de entrada : %s.\\n", input_file_name);
if ((fp_input=fopen(input_file_name,"r")) == NULL)
{
fprintf(fp_output,"Erro na abertura do arquivo de entrada %s.\\n",input_file_name);
fprintf(fp_output,"errno = %d .\\n",errno);

Move_Files_Erro();

```

```

EXEC SQL
UPDATE adm_objetos.INFF_NIGHT_BATCH_QUEUE
SET ST_PROCESSO = 'OFF';

```

```

EXEC SQL COMMIT;

```

```

DesconectaBD();

```

```

    exit(1);
}
else
{
nTotalRegInformado = 0;
ct_lidos = 0;
fprintf(fp_output,"%s - Processando arquivo : %s.\\n",CurrentDateTime(DataHora,1),input_file_name);
Processa_Arquivo(in_file_dir);
Close_Input_Output_Files();

Move_Files();
EXEC SQL COMMIT;
}
}
}
}

```

```

closedir(dp);

```

```

t_f = time(NULL);
t_c = t_f - t_i;

```

```

EXEC SQL
UPDATE adm_objetos.INFF_NIGHT_BATCH_QUEUE
SET ST_PROCESSO = 'OFF';

```

```

EXEC SQL COMMIT;

```

```

DesconectaBD();

sprintf(cmdsolaris,"gzip %s/PROCESSADO/*IF*.txt", base_file_dir);

resCmd = system(cmdsolaris);

exit(0);
}
/*****
/*   Função Gravar Identificação Arquivo Digital   */
*****/

void GravarIdentArquivo (char *buf_aux)
{

char cnm_arquivo[250+1];
char cdt_inclusao[18+1];
char cnm_usuario_inclusao[30+1];
strcpy(cnm_arquivo,p->d_name);

strcpy(cdt_inclusao,CurrentDateTime(DataHora,2));
strcpy(cnm_usuario_inclusao,usuario);

EXEC SQL
    INSERT INTO adm_objetos.INFF_ARQUIVO_DIGITAL
        (sq_arquivo,
         cd_versao ,
         nm_arquivo,
         nu_referencia,
         dt_inclusao,
         nm_usuario_inclusao)
    VALUES (:nSqArquivo,
            1,
            :cnm_arquivo||chr(0),
            null,
            to_date(:cdt_inclusao,'yyyymmddhh24:mi:ss')||chr(0),
            :cnm_usuario_inclusao||chr(0)
            );

if (sqlca.sqlcode != 0)
{
    fprintf(fp_output,"%s - erro INSERT INTO INFF_ARQUIVO_DIGITAL.\n",CurrentDateTime(DataHora,1));
    sql_error(sqlca.sqlerrm.sqlerrmc);
}

}

/*****
/*   Carregar as linhas do arquivo   */
*****/

Processa_Arquivo(char *base_file_dir)
{

```

```
int  nCdInformativo = 0;
char  cCdInformativoRep[20+1];
int  nNuInscricao = 0;
int  nNuReferencia = 0;
char  cDtInsercao[20];
```

```
double nVL_CP0111 = 0;
double nVL_CP0112 = 0;
double nVL_CP0121 = 0;
double nVL_CP0122 = 0;
double nVL_CP0211 = 0;
double nVL_CP0212 = 0;
double nVL_CP0221 = 0;
double nVL_CP0222 = 0;
double nVL_CP011 = 0;
double nVL_CP012 = 0;
double nVL_CP013 = 0;
double nVL_CP014 = 0;
double nVL_CP02 = 0;
double nVL_CP03 = 0;
double nVL_CP04 = 0;
double nVL_CP05 = 0;
double nVL_CP06 = 0;
double nVL_CP07 = 0;
double nVL_CP021 = 0;
double nVL_CP022 = 0;
double nVL_CP023 = 0;
double nVL_CP024 = 0;
double nVL_CP071 = 0;
double nVL_CP072 = 0;
double nVL_CP073 = 0;
double nVL_CP09 = 0;
double nVL_CP10 = 0;
double nVL_CP11 = 0;
double nVL_CP12 = 0;
double nVL_CP151 = 0;
double nVL_CP152 = 0;
double nVL_CP153 = 0;
double nVL_CP161 = 0;
double nVL_CP162 = 0;
double nVL_CP163 = 0;
double nVL_CP171 = 0;
double nVL_CP172 = 0;
double nVL_CP173 = 0;
double nVL_CP174 = 0;
char  cDtEnvio[20];
```

```
int  nTipoFlagUltimaDeclar = 0;
char  cRowId[50];
int  nRk = 0;
```

```
FieldSize = sizeof(Field);
```

```
while ((fgets(buf_aux,sizeof(buf_aux),fp_input) != 0) )  
{
```

```
if (strncmp(buf_aux,"REFERÊNCIA:",11)==0)  
{
```

```
nCtaReg = 0;
```

```
while ((fgets(buf_aux,sizeof(buf_aux),fp_input) != 0) && (nCtaReg < 2))  
{
```

```
if (strlen(buf_aux) > 1)  
{
```

```
    nNuReferencia = atol(mExtractField(buf_aux,Separator,1,Field,FieldSize));
```

```
EXEC SQL
```

```
    Select ADM_OBJETOS.INFF_SQ_ARQUIVO.nextval
```

```
    Into   :nSqArquivo
```

```
    from   dual;
```

```
if (sqlca.sqlcode != 0)  
{
```

```
fprintf(fp_output,"%s - Erro Obtendo Valor da SEQUENCE INFF_SQ_ARQUIVO.\n",CurrentDateTime(DataHora,1));
```

```
sql_error(sqlca.sqlerrm.sqlerrmc);  
}
```

```
GravarIdentArquivo (buf_aux);
```

```
}
```

```
nCtaReg++;
```

```
}
```

```
}
```

```
else
```

```
{
```

```
    if (strncmp(buf_aux,"DATA ENTREGA:",13)==0)
```

```
{
```

```
    nCtaReg = 0;
```

```
while ((fgets(buf_aux,sizeof(buf_aux),fp_input) != 0) && (nCtaReg < 2))  
{
```

```
if (strlen(buf_aux) > 1)  
{
```

```
    strcpy(cDtEnvio,mExtractField(buf_aux,Separator,1,Field,FieldSize));
```

```
}
```

```
nCtaReg++;
```



```

    }

    }
else
    {
        if (strcmp(buf_aux,"ESTADUAL:",9)==0)
        {
nCtaReg = 0;
while ((fgets(buf_aux,sizeof(buf_aux),fp_input) != 0) && (nCtaReg < 2))
    {

if (strlen(buf_aux) > 1)
    {
        nNuInscricao = atol(mExtractField(buf_aux,Separator,1,Field,FieldSize));
    }

nCtaReg++;

    }

}
else
    {
        if (strcmp(buf_aux,"FORMULÁRIO INDÚSTRIA",20)==0)
        {
            strcpy(cCdInformativoRep,mExtractField(buf_aux,Separator,1,Field,FieldSize),20);
        }

    }
else
    {
        if (strcmp(buf_aux,"[1.1.1]",7)==0)
        {
nCtaReg = 0;
while ((fgets(buf_aux,sizeof(buf_aux),fp_input) != 0) && (nCtaReg < 2))
    {

if (strlen(buf_aux) > 1)
    {
        nVL_CP0111 = atof(mExtractFieldFloatLinha(buf_aux,Separator,1,Field,FieldSize));
    }

nCtaReg++;

    }

}
else
    {
        if (strcmp(buf_aux,"[1.1.2]",7)==0)
        {

```

```

nCtaReg = 0;
while ((fgets(buf_aux,sizeof(buf_aux),fp_input) != 0) && (nCtaReg < 2))
{

if (strlen(buf_aux) > 1)
{
    nVL_CP0112 = atof(mExtractFieldFloatLinha(buf_aux,Separator,1,Field,FieldSize));
}

nCtaReg++;

}

}
else
{
    if (strncmp(buf_aux,"[1.2.1]",7)==0)
    {
nCtaReg = 0;
while ((fgets(buf_aux,sizeof(buf_aux),fp_input) != 0) && (nCtaReg < 2))
{

if (strlen(buf_aux) > 1)
{
    nVL_CP0121 = atof(mExtractFieldFloatLinha(buf_aux,Separator,1,Field,FieldSize));
}

nCtaReg++;

}

}
else
{
    if (strncmp(buf_aux,"[1.2.2]",7)==0)
    {
nCtaReg = 0;
while ((fgets(buf_aux,sizeof(buf_aux),fp_input) != 0) && (nCtaReg < 2))
{

if (strlen(buf_aux) > 1)
{
    nVL_CP0122 = atof(mExtractFieldFloatLinha(buf_aux,Separator,1,Field,FieldSize));
}

nCtaReg++;

}

}
else

```

```

        {
            if (strcmp(buf_aux,"[2.1.1]",7)==0)
            {
nCtaReg = 0;
while ((fgets(buf_aux,sizeof(buf_aux),fp_input) != 0) && (nCtaReg < 2))
        {

if (strlen(buf_aux) > 1)
        {
            nVL_CP0211 = atof(mExtractFieldFloatLinha(buf_aux,Separator,1,Field,FieldSize));
        }

nCtaReg++;

        }

        }
        else
        {
            if (strcmp(buf_aux,"[2.1.2]",7)==0)
            {
nCtaReg = 0;
while ((fgets(buf_aux,sizeof(buf_aux),fp_input) != 0) && (nCtaReg < 2))
        {

if (strlen(buf_aux) > 1)
        {
            nVL_CP0212 = atof(mExtractFieldFloatLinha(buf_aux,Separator,1,Field,FieldSize));
        }

nCtaReg++;

        }

        }
        else
        {
            if (strcmp(buf_aux,"[2.2.1]",7)==0)
            {
nCtaReg = 0;
while ((fgets(buf_aux,sizeof(buf_aux),fp_input) != 0) && (nCtaReg < 2))
        {

if (strlen(buf_aux) > 1)
        {
            nVL_CP0221 = atof(mExtractFieldFloatLinha(buf_aux,Separator,1,Field,FieldSize));
        }

nCtaReg++;

        }

        }

```

```

    }
    else
    {
        if (strncmp(buf_aux,"[2.2.2]",7)==0)
        {
nCtaReg = 0;
while ((fgets(buf_aux,sizeof(buf_aux),fp_input) != 0) && (nCtaReg < 2))
{

if (strlen(buf_aux) > 1)
{
    nVL_CP0222 = atof(mExtractFieldFloatLinha(buf_aux,Separator,1,Field,FieldSize));
}

nCtaReg++;

}

}
    else
    {
        if (strncmp(buf_aux,"[3]",3)==0)
        {
nCtaReg = 0;
while ((fgets(buf_aux,sizeof(buf_aux),fp_input) != 0) && (nCtaReg < 2))
{

if (strlen(buf_aux) > 1)
{
    nVL_CP03 = atof(mExtractFieldFloatLinha(buf_aux,Separator,1,Field,FieldSize));
}

nCtaReg++;

}

}
    else
    {
        if (strncmp(buf_aux,"[4]",3)==0)
        {
nCtaReg = 0;
while ((fgets(buf_aux,sizeof(buf_aux),fp_input) != 0) && (nCtaReg < 2))
{

if (strlen(buf_aux) > 1)
{
    nVL_CP04 = atof(mExtractFieldFloatLinha(buf_aux,Separator,1,Field,FieldSize));
}

```

```

nCtaReg++;

    }

    }

    else
    {
        if (strcmp(buf_aux,"[5]",3)==0)
        {
nCtaReg = 0;
while ((fgets(buf_aux,sizeof(buf_aux),fp_input) != 0) && (nCtaReg < 2))
    {

if (strlen(buf_aux) > 1)
    {
        nVL_CP05 = atof(mExtractFieldFloatLinha(buf_aux,Separator,1,Field,FieldSize));
    }

nCtaReg++;

    }

    }

    else
    {
        if (strcmp(buf_aux,"[6]",3)==0)
        {
nCtaReg = 0;
while ((fgets(buf_aux,sizeof(buf_aux),fp_input) != 0) && (nCtaReg < 2))
    {

if (strlen(buf_aux) > 1)
    {
        nVL_CP06 = atof(mExtractFieldFloatLinha(buf_aux,Separator,1,Field,FieldSize));
    }

nCtaReg++;

    }

    }

    else
    {
        if (strcmp(buf_aux,"[7]",3)==0)
        {
nCtaReg = 0;
while ((fgets(buf_aux,sizeof(buf_aux),fp_input) != 0) && (nCtaReg < 2))
    {

if (strlen(buf_aux) > 1)
    {

```

```

    nVL_CP07 = atof(mExtractFieldFloatLinha(buf_aux,Separator,1,Field,FieldSize));
}

nCtaReg++;

}

}

else
{
    if (strncmp(buf_aux,"[9]",3)==0)
    {
nCtaReg = 0;
while ((fgets(buf_aux,sizeof(buf_aux),fp_input) != 0) && (nCtaReg < 2))
{

if (strlen(buf_aux) > 1)
{
    nVL_CP09 = atof(mExtractFieldFloatLinha(buf_aux,Separator,1,Field,FieldSize));
}

nCtaReg++;

}

}

else
{
    if (strncmp(buf_aux,"[10]",4)==0)
    {
nCtaReg = 0;
while ((fgets(buf_aux,sizeof(buf_aux),fp_input) != 0) && (nCtaReg < 2))
{

if (strlen(buf_aux) > 1)
{
    nVL_CP10 = atof(mExtractFieldFloatLinha(buf_aux,Separator,1,Field,FieldSize));
}

nCtaReg++;

}

}

else
{
    if (strncmp(buf_aux,"[11]",4)==0)
    {
nCtaReg = 0;
while ((fgets(buf_aux,sizeof(buf_aux),fp_input) != 0) && (nCtaReg < 2))
{

```

```

if (strlen(buf_aux) > 1)
{
    nVL_CP11 = atof(mExtractFieldFloatLinha(buf_aux,Separator,1,Field,FieldSize));
}

nCtaReg++;

}

}
else
{
    if (strncmp(buf_aux,"[12]",4)==0)
    {
nCtaReg = 0;
while ((fgets(buf_aux,sizeof(buf_aux),fp_input) != 0) && (nCtaReg < 2))
{

if (strlen(buf_aux) > 1)
{
    nVL_CP12 = atof(mExtractFieldFloatLinha(buf_aux,Separator,1,Field,FieldSize));
}

nCtaReg++;

}

}
else
{
    if (strncmp(buf_aux,"[15.1]",6)==0)
    {
nCtaReg = 0;
while ((fgets(buf_aux,sizeof(buf_aux),fp_input) != 0) && (nCtaReg < 2))
{

if (strlen(buf_aux) > 1)
{
    nVL_CP151 = atof(mExtractFieldFloatLinha(buf_aux,Separator,1,Field,FieldSize));
}

nCtaReg++;

}

}
else
{
    if (strncmp(buf_aux,"[15.2]",6)==0)
    {

```

```

nCtaReg = 0;
while ((fgets(buf_aux, sizeof(buf_aux), fp_input) != 0) && (nCtaReg < 2))
{

if (strlen(buf_aux) > 1)
{
    nVL_CP152 = atof(mExtractFieldFloatLinha(buf_aux, Separator, 1, Field, FieldSize));
}

nCtaReg++;

}

}
else
{
    if (strncmp(buf_aux, "[15.3]", 6) == 0)
    {
nCtaReg = 0;
while ((fgets(buf_aux, sizeof(buf_aux), fp_input) != 0) && (nCtaReg < 2))
{

if (strlen(buf_aux) > 1)
{
    nVL_CP153 = atof(mExtractFieldFloatLinha(buf_aux, Separator, 1, Field, FieldSize));
}

nCtaReg++;

}

}
else
{
    if (strncmp(buf_aux, "[16.1]", 6) == 0)
    {
nCtaReg = 0;
while ((fgets(buf_aux, sizeof(buf_aux), fp_input) != 0) && (nCtaReg < 2))
{

if (strlen(buf_aux) > 1)
{
    nVL_CP161 = atof(mExtractFieldFloatLinha(buf_aux, Separator, 1, Field, FieldSize));
}

nCtaReg++;

}

}
else

```



```

        {
            if (strcmp(buf_aux,"[16.2]",6)==0)
            {
nCtaReg = 0;
while ((fgets(buf_aux,sizeof(buf_aux),fp_input) != 0) && (nCtaReg < 2))
            {

if (strlen(buf_aux) > 1)
            {
                nVL_CP162 = atof(mExtractFieldFloatLinha(buf_aux,Separator,1,Field,FieldSize));
            }

nCtaReg++;

        }

        }
        else
        {
            if (strcmp(buf_aux,"[16.3]",6)==0)
            {
nCtaReg = 0;
while ((fgets(buf_aux,sizeof(buf_aux),fp_input) != 0) && (nCtaReg < 2))
            {

if (strlen(buf_aux) > 1)
            {
                nVL_CP163 = atof(mExtractFieldFloatLinha(buf_aux,Separator,1,Field,FieldSize));
            }

nCtaReg++;

        }

        }
        else
        {
            if (strcmp(buf_aux,"[17.1]",6)==0)
            {
nCtaReg = 0;
while ((fgets(buf_aux,sizeof(buf_aux),fp_input) != 0) && (nCtaReg < 2))
            {

if (strlen(buf_aux) > 1)
            {
                nVL_CP171 = atof(mExtractFieldFloatLinha(buf_aux,Separator,1,Field,FieldSize));
            }

nCtaReg++;

        }

        }

```

```

    }
    else
    {
        if (strncmp(buf_aux,"[17.2]",6)==0)
        {
nCtaReg = 0;
while ((fgets(buf_aux,sizeof(buf_aux),fp_input) != 0) && (nCtaReg < 2))
    {

if (strlen(buf_aux) > 1)
    {
        nVL_CP172 = atof(mExtractFieldFloatLinha(buf_aux,Separator,1,Field,FieldSize));
    }

nCtaReg++;

    }

    }
    else
    {
        if (strncmp(buf_aux,"[17.3]",6)==0)
        {
nCtaReg = 0;
while ((fgets(buf_aux,sizeof(buf_aux),fp_input) != 0) && (nCtaReg < 2))
    {

if (strlen(buf_aux) > 1)
    {
        nVL_CP173 = atof(mExtractFieldFloatLinha(buf_aux,Separator,1,Field,FieldSize));
    }

nCtaReg++;

    }

    }
    else
    {
        if (strncmp(buf_aux,"[17.4]",6)==0)
        {
nCtaReg = 0;
while ((fgets(buf_aux,sizeof(buf_aux),fp_input) != 0) && (nCtaReg < 2))
    {

if (strlen(buf_aux) > 1)
    {
        nVL_CP174 = atof(mExtractFieldFloatLinha(buf_aux,Separator,1,Field,FieldSize));
    }

```

[illegible]

```
Select adm_objetos.INFF_SQ_DOCUMENTO.nextval
Into :nSqDocumento
from dual;

if (sqlca.sqlcode != 0)
{
fprintf(fp_output,"%s - Erro Obtendo Valor da SEQUENCE
INFF_SQ_DOCUMENTO.\n",CurrentDateTime(DataHora,1));
sql_error(sqlca.sqlerrm.sqlerrmc);
}
```

EXEC SQL

INSERT INTO adm\_objetos.INFF\_INFORM\_FISCAL\_INDUSTRIA

(

CD\_INFORMATIVO,

CD\_INFORMATICO\_REP,

NU\_INSCRICAO,

NU\_REFERENCIA,

VL\_CP0111,

VL\_CP0112,

VL\_CP0121,

VL\_CP0122,

VL\_CP0211,

VL\_CP0212,

VL\_CP0221,

VL\_CP0222,

VL\_CP03,

VL\_CP04,

VL\_CP05,

VL\_CP06,

VL\_CP07,

VL\_CP09,

VL\_CP10,

VL\_CP11,

VL\_CP12,

VL\_CP151,

VL\_CP152,

VL\_CP153,

VL\_CP161,

VL\_CP162,

VL\_CP163,

VL\_CP171,

VL\_CP172,

VL\_CP173,

VL\_CP174,

DT\_ENVIO,

SQ\_ARQUIVO,

FG\_ULTIMA\_DECLARACAO

)

VALUES (

:nSqDocumento,

:cCdInformativoRep,

:nNuInscricao,

:nNuReferencia,

TRUNC(:nVL\_CP0111,2),

TRUNC(:nVL\_CP0112,2),

TRUNC(:nVL\_CP0121,2),

TRUNC(:nVL\_CP0122,2),

TRUNC(:nVL\_CP0211,2),

TRUNC(:nVL\_CP0212,2),

TRUNC(:nVL\_CP0221,2),

TRUNC(:nVL\_CP0222,2),

```

        TRUNC(:nVL_CP03,2),
        TRUNC(:nVL_CP04,2),
        TRUNC(:nVL_CP05,2),
        TRUNC(:nVL_CP06,2),
        TRUNC(:nVL_CP07,2),
        TRUNC(:nVL_CP09,2),
        TRUNC(:nVL_CP10,2),
        TRUNC(:nVL_CP11,2),
        TRUNC(:nVL_CP12,2),
        TRUNC(:nVL_CP151,2),
        TRUNC(:nVL_CP152,2),
        TRUNC(:nVL_CP153,2),
        TRUNC(:nVL_CP161,2),
        TRUNC(:nVL_CP162,2),
        TRUNC(:nVL_CP163,2),
        TRUNC(:nVL_CP171,2),
        TRUNC(:nVL_CP172,2),
        TRUNC(:nVL_CP173,2),
        TRUNC(:nVL_CP174,2),
        to_date(:cDtEnvio,'dd/mm/yyyy hh24:mi:ss'),
:nSqArquivo,
        0 /* fg_ultima_declaracao */
    );

    if (sqlca.sqlcode != 0)
    {
        fprintf(fp_output,"%s - Erro INSERT INTO INFF_INFORM_FISCAL_INDUSTRIA - nSqDocumento: %d -
        nNuReferencia: %d - nNuInscricao: %d - cCdInformativoRep: %s - cDtEnvio:
        %s.\n",CurrentDateTime(DataHora,1),nSqDocumento,nNuReferencia,nNuInscricao,cCdInformativoRep,cDtEnvio);
        sql_error(sqlca.sqlerrm.sqlerrmc);
    }

EXEC SQL DECLARE cAlterarFlagUltDeclar CURSOR FOR
    Select  rwd,
           rownum rk
    From    (
Select /*+ rule */
        c.rowid||chr(0) rwd,
        c.dt_envio
    From    adm_objetos.INFF_INFORM_FISCAL_INDUSTRIA  c
    Where   c.nu_inscricao    = :nNuInscricao
    And     c.nu_referencia   = :nNuReferencia
    order by c.DT_ENVIO desc
    );

EXEC SQL OPEN cAlterarFlagUltDeclar;

    if (sqlca.sqlcode != 0)
    {
        printf("%s - Erro ao abrir Cursor cAlterarFlagUltDeclar.\n",CurrentDateTime(DataHora,1));
        sql_error(sqlca.sqlerrm.sqlerrmc);
    }

```

```

}

do {

EXEC SQL FETCH cAlterarFlagUltDeclar INTO :cRowId,
:nRk;

if ((sqlca.sqlcode != 0) && (sqlca.sqlcode != 1403))
    sql_error(sqlca.sqlerrm.sqlerrmc);

if (sqlca.sqlcode == 0)
{

    if (nRk == 1)
    {
        nTipoFlagUltimaDeclar = 1;
    }
    else
    {
        nTipoFlagUltimaDeclar = 0;
    }

EXEC SQL
Update adm_objetos.INFF_INFORM_FISCAL_INDUSTRIA c
Set   c.fg_ultima_declaracao = :nTipoFlagUltimaDeclar
Where c.rowid           = :cRowId;

    if (sqlca.sqlcode != 0)
    {
        printf("%s - Erro EXEC SQL Update INFF_INFORM_FISCAL_INDUSTRIA .\n",CurrentDateTime(DataHora,1));
        sql_error(sqlca.sqlerrm.sqlerrmc);
    }

}
} while (sqlca.sqlcode == 0);

EXEC SQL COMMIT;

if (sqlca.sqlcode != 0)
{
fprintf(fp_output,"%s - EXEC SQL COMMIT.\n",CurrentDateTime(DataHora,1));
sql_error(sqlca.sqlerrm.sqlerrmc);
}

}
/*****
/*          Abre arquivo de Log          */
*****/
Open_Log(char *prog, char *log_dir)
{
    if(strchr(prog,'/'))

```

```

        strcpy(prog_name, strchr(prog, '/') + 1);
    else
        strcpy(prog_name, prog);

    sprintf(log_file, "%s/%s_%s.LOG", log_dir, prog_name, CurrentDateTime(DataHora, 2));

    if((fp_output=fopen(log_file, "a+")) == NULL)
    {
        fprintf(stderr, "%s - Falha na abertura do arquivo de log: %s.\nErrno %d\n", CurrentDateTime(DataHora, 1),
            log_file, errno);

        DesconectaBD();
        exit(1);
    }
}

/*****
*          Conecta ao Banco de Dados          */
*****/
ConectaBD(char *User, char *Password, char *Database)
{
    EXEC SQL BEGIN DECLARE SECTION;
        varchar dbUser    [ 40 ];
        varchar dbPassword [ 40 ];
        varchar dbDatabase [ 40 ];
    EXEC SQL END DECLARE SECTION;

    dbUser.len  = strlen(User);
    dbPassword.len = strlen>Password);
    dbDatabase.len = strlen(Database);

    strncpy (dbUser.arr  , User  , dbUser.len  );
    strncpy (dbPassword.arr, Password, dbPassword.len);
    strncpy (dbDatabase.arr, Database, dbDatabase.len);

    oraca.orastxtf = ORASTFERR;
    EXEC SQL CONNECT :dbUser
        IDENTIFIED BY :dbPassword
        USING :dbDatabase;

    return(0);
}

/*****
*          Desconecta ao Banco de Dados          */
*****/
DesconectaBD()
{
    EXEC SQL ROLLBACK;
    EXEC SQL COMMIT WORK RELEASE;
    fprintf(fp_output, "Desconexao com o BD efetuada com sucesso.\n");
}

```

```

}

/*****/
sql_error(msg)
char *msg;
{
    fprintf(fp_output, "\n%s", msg);
    sqlca.sqlerrm.sqlerrmc[sqlca.sqlerrm.sqlerrml] = '\0';
    oraca.orastxt.orastxtc[oraca.orastxt.orastxtl] = '\0';
    oraca.orasfnc[oraca.orasfnc[oraca.orasfnc[oraca.orasfnc]]] = '\0';
    fprintf(fp_output, "\n%s\n", sqlca.sqlerrm.sqlerrmc);
    fprintf(fp_output, "in \"%s...\" \n", oraca.orastxt.orastxtc);
    fprintf(fp_output, "on line %d of %s.\n\n",
        oraca.oraslnr, oraca.orasfnc[oraca.orasfnc]);

    EXEC SQL ROLLBACK;

EXEC SQL
UPDATE adm_objetos.INFF_NIGHT_BATCH_QUEUE
SET ST_PROCESSO = 'OFF';

EXEC SQL COMMIT;

DesconectaBD();
exit(1);
}
/*****/
/* Move arquivo processado para diretorio especifico */
/*****/
void Move_Files()
{
    fprintf(fp_output, "Movendo arquivo %s para %s.\n", input_file_name, proc_input_file_name);
    if(rename(input_file_name, proc_input_file_name) == ERRO)
    {
        fprintf(fp_output, "errno = %d .\n", errno);

EXEC SQL
UPDATE adm_objetos.INFF_NIGHT_BATCH_QUEUE
SET ST_PROCESSO = 'OFF';

EXEC SQL COMMIT;

DesconectaBD();
exit(1);
}

}
/*****/
/* Move arquivo c/ erro para diretorio especifico */
/*****/

```



```

void Move_Files_Erro()
{
    fprintf(fp_output,"Movendo arquivo %s para %s.\n", input_file_name, erro_input_file_name);
    if(rename(input_file_name,erro_input_file_name) == ERRO)
    {
        fprintf(fp_output,"errno = %d .\n",errno);

        EXEC SQL
        UPDATE adm_objetos.INFF_NIGHT_BATCH_QUEUE
        SET ST_PROCESSO = 'OFF';

        EXEC SQL COMMIT;

        DesconectaBD();
        exit(1);
    }
}

/*****/
void Close_Input_Output_Files()
{
    fclose(fp_input);

}

/*****/
char *mExtractFieldOcorrencias (const char *Line, char *Separator, int Ord, char *Field, int FieldSize)
{
    int N = 1, i, j;

    if (Ord < 1)
        Field[0] = 0;
    else {
        i = 0; while (N < Ord && Line[i] != '\n' && Line[i] != '\r' && Line[i] != 0) if (Line[i++] == *Separator) N++;
        j = i; while (Line[j] != *Separator && Line[j] != '\n' && Line[j] != '\r' && Line[j] != 0) j++;

        if ((Line[j] == '\n') || (Line[j] == '\r') || (Line[j] == 0))
            EncFimLinha = 1;

        N = j - i; if (N >= FieldSize) N = FieldSize - 1;
        memcpy (Field, Line + i, N);
        Field[N] = '\0';
    }

    return Field;
}

/*****/
char *mExtractField (const char *Line, char *Separator, int Ord, char *Field, int FieldSize)
{
    int N = 1, i, j;

    if (Ord < 1)

```

```

    Field[0] = 0;
else {
    i = 0; while (N < Ord && Line[i] != '\n' && Line[i] != '\r' && Line[i] != 0) if (Line[i++] == *Separator) N++;
    j = i; while (Line[j] != *Separator && Line[j] != '\n' && Line[j] != '\r' && Line[j] != 0) j++;

    N = j - i; if (N >= FieldSize) N = FieldSize - 1;
    memcpy (Field, Line + i, N);
    Field[N] = '\0';
}

return Field;
}
/*****/
char *mExtractFieldFloatOcorrencias (const char *Line, char *Separator, int Ord, char *Field, int FieldSize)
{
    int N = 1, i, j;

    if (Ord < 1)
        Field[0] = 0;
    else {
        i = 0;
        while (N < Ord && Line[i] != '\n' && Line[i] != '\r' && Line[i] != 0) if (Line[i++] == *Separator) N++;
        j = i; while (Line[j] != *Separator && Line[j] != '\n' && Line[j] != '\r' && Line[j] != 0) j++;

        if ((Line[j] == '\n') || (Line[j] == '\r') || (Line[j] == 0))
            EncFimLinha = 1;

        N = j - i; if (N >= FieldSize) N = FieldSize - 1;
        memcpy (Field, Line + i, N);
        Field[N] = 0;
    }

    i = 0;
    for(i = 0; i < strlen(Field); i++)
    {
        if (Field[i] == ',')
        {
            Field[i] = '.';
        }
    }

    return Field;
}
/*****/
char *mExtractFieldFloatLinha (const char *Line, char *Separator, int Ord, char *Field, int FieldSize)
{
    int N = 1, i, j;
    char Field2[5000];

    if (Ord < 1)

```

```

    Field[0] = 0;
else {
    i = 0;
while (N < Ord && Line[i] != '\n' && Line[i] != '\r' && Line[i] != 0 && Line[i] != ' ') if (Line[i++] == *Separator) N++;
    j = i; while (Line[j] != *Separator && Line[j] != '\n' && Line[j] != '\r' && Line[j] != 0 && Line[j] != ' ') j++;
    N = j - i; if (N >= FieldSize) N = FieldSize - 1;
    memcpy (Field, Line + i, N);
    Field[N] = 0;
}

i = 0;
int y = 0;

for(i = 0; i < strlen(Field); i++)
{
    if (Field[i] == ',')
    {
        Field2[y] = '.';
        y++;
    }
    else
    {
        {
            if (Field[i] != '.')
            {
                Field2[y] = Field[i];
                y++;
            }
        }
    }
}

Field2[y] = '\0';

strcpy(Field,Field2);

return Field;
}
/**//*****/
/* Devolve a data/hora corrente */
/*****/
char *CurrentDateTime (char *DataHora,int formato)
{
    int dia,mes,ano,hora,minuto,segundo;
    struct tm *local;
    time_t t;
    t= time(NULL);
    local=localtime(&t);

    dia=local->tm_mday;
    mes=local->tm_mon+1;
    ano=local->tm_year+1900;

```

```

hora=local->tm_hour;
minuto=local->tm_min;
segundo=local->tm_sec;

if (formato == 1) {
    sprintf(DataHora,"%02lu/%02lu/%02lu %02d:%02d:%02d",dia,mes,ano,hora,minuto,segundo);
}
else {
    if (formato == 2)
    {
        sprintf(DataHora,"%04lu%02d%02d%02d%02d",ano,mes,dia,hora,minuto,segundo);
    }
}
return DataHora;
}
/*****
/*      Funcao verifica status do Pid da extracao no Unix      */
*****/

int StatusProcUnixPid(int N)
{
    int w_ind_status_seq_unix_Pid;

    w_ind_status_seq_unix_Pid = CmdUnix ("-0",N);

    return w_ind_status_seq_unix_Pid;
}
/*****
/*      Funcao verifica status do PID da extracao no Unix      */
*****/

int CmdUnix (char *tipoParm, int numPid)
{
    int  verPid      = numPid;
    char cmd_shell_unix [15]="";
    char *tipo_Parm_unix = tipoParm;
    int  resCmd      = 0;

    sprintf(cmd_shell_unix,"kill %s %d",tipo_Parm_unix,verPid);
    resCmd = system(cmd_shell_unix);

    printf("cmd: %s - Resulta: %d\n",cmd_shell_unix,resCmd);

    return resCmd;
}
/*****
void Get_Password()
{

    char buf_aux[255];

    sprintf(input_file_name,"/sistemas/INCORPORACAO/INFF/LCK/%s", usuario);

```

```

if((fp_input=fopen(input_file_name,"r")) == NULL)
{
    fprintf(fp_output,"%s] Erro na abertura do arquivo restrito de senha.\n",CurrentDateTime(DataHora,1));
    fprintf(fp_output,"%s] errno = %d.\n", CurrentDateTime(DataHora,1),errno );
    exit(1);
}

fread(buf_aux, 1, sizeof(buf_aux), fp_input);

int i, j = 0;
for(i = 0; buf_aux[i] != '\n'; i++)
{
    cPassword[j] = buf_aux[i];

    j++;
}

}

/*****/
/* Devolve a palavra (Word) em S a partir da posicao Pos. */
/*****/
char *mNextWord (const char *S,int Pos, char *Word, int Tamanho)
{

    int i, j = 0;
    char result[4096]="";

    for(i = Pos; j < Tamanho; i++)
    {

        result[j] = S[i];

        j++;
    }
    memcpy (Word,result,strlen(result)+1);

    return Word;

}

GUIA_Carga_Dados.pc

/*****/
/* Objetivo   : Carregar Dados da GUIA */
/* Modulo     : GUIA */
/*****/

/*****/
#include <stdio.h>
#include <stdlib.h>

```

```

#include <time.h>
#include <sys/types.h>
#include <sys/stat.h>
#include <string.h>
#include <dirent.h>
#include <limits.h>
#include <fcntl.h>
#include <errno.h>
#include <math.h>

/*****/
#include "sqlca.h"
#include "oraca.h"

EXEC ORACLE OPTION (ORACA=YES);
EXEC ORACLE OPTION (PREFETCH=60000);
/*****/
#define MAXFILENAME_SIZE 255
#define MAXPROGNAME_SIZE 50

/*****/
#define DATE_TIME_MASK "%Y/%m/%d %H:%M:%S"
#define DATE_MASK      "%Y/%m/%d"
#define TIME_MASK      "%H:%M:%S"
#define DATE_STR_MASK  "%Y%m"

#define ErroSQL sqlca.sqlcode
#define NRowsFetched sqlca.sqlerrd[2]
#define NoDataFound 1403

char *t_mask_ptr = TIME_MASK;
char *dt_mask_ptr = DATE_TIME_MASK;
char *dt_str_mask_ptr = DATE_STR_MASK;
/*
#define DT_MASK      givetime(dt_mask_ptr)
#define D_MASK      givetime(d_mask_ptr)
#define T_MASK      givetime(t_mask_ptr)
#define DT_STR_MASK  givetime(dt_str_mask_ptr)
*/
/*****/
extern int errno;
char * uppern(char *, int);
char * givetime(char *);
char log_file [MAXFILENAME_SIZE];
char prog_name[MAXPROGNAME_SIZE];
int formato      = 0;
char S          [4096];
char V          [4096];
char Line [4096];
char Separator[1] = "|";
char sql        [255];

```

```

int Ord = 0;
char Field[4096];
int FieldSize = 0;
int Pos = 0;
int ctl = 0;
char DataHora [18];
int nSqDocumento = 0;
int nPesquisaArquivo = 0;
char vNomeArquivo [255];
char cmdsolaris [255];
int resCmd = 0;
char Status [05];
char vAux [03];
char vSubject [255];
int nEnviaEmailProblema = 0;
int nEnviaEmailOcorrencia= 0;
int EncFimLinha = 0;
char cPassword [50];
char buf_aux[4096];
int WordSize = 0;

char cNomArquivo[254+1];
signed int proc_num_pid = 0;
char cStatus [04];
unsigned long int nTotalRegInformado = 0;
unsigned long int ct_lidos = 0;
unsigned long int ct_lidos_contrib = 0;
unsigned long int nSqArquivo = 0;

char vNomeArquivo [255];
char vMascaraFinal [100];
char cPesqExtensao [100];
int nPosicaoPesq = 0;
char Word [4096];
int CtlDetDeclar = 0;
char cDcObservacoes[3000];
char cDcObservacoes2[3000];
int nFgZerada;

int CdDetalhe = 0;
char CdDetalhe2[10];
char DcDetalhe[255];
char DcDetalhe2[255];
double VIDetalhe;
char cVIDetalhe[25];
int nCtaBytes = 0;
int nCtaCampos = 0;
int nPesqCampo16 = 0;
int nCtaReg = 0;

```

```

char cMest73[06+1];
char cMes[02];
char cAno[06];
double nVIVest74 = 0;

/*****/
void ProcessarIdentContribuinte (char *buf_aux);
char *CurrentDateTime (char *DataHora, int formato);
void GravarIdentArquivo (char *buf_aux);
void EnviarEmails();
void PreparaMensagemEmails();
int StatusProcUnixPid(int N);
int CmdUnix (char *tipoParm, int numPid);
char *mNextWord (const char *S,int Pos,char *Word, int Tamanho);
void Move_Files_Erro();
void Move_Files();
void Close_Input_Output_Files();
char *mExtractFieldFloatLinha (const char *Line, char *Separator, int Ord, char *Field, int FieldSize);
char *mExtractFieldFloatOcorrencias (const char *Line, char *Separator, int Ord, char *Field, int FieldSize);
char *mExtractFieldOcorrencias (const char *Line, char *Separator, int Ord, char *Field, int FieldSize);
char *mExtractField (const char *Line, char *Separator, int Ord, char *Field, int FieldSize);
void ProcessarRegistros();
void Get_Password();
/*****/
char prog_name[MAXPROGNAME_SIZE];

struct dirent *p = NULL;

char input_file_name      [MAXFILENAME_SIZE];
char proc_input_file_name [MAXFILENAME_SIZE];
char erro_input_file_name [MAXFILENAME_SIZE];
char controle_file_name   [MAXFILENAME_SIZE];
char log_file             [MAXFILENAME_SIZE];
char prog_name            [MAXPROGNAME_SIZE];
char file_email           [MAXPROGNAME_SIZE];

#define ERRO              -1
/*****/
FILE *fp_input    = NULL;
FILE *fp_output   = NULL;
FILE *fp_controle = NULL;
FILE *fp_problemas_email = NULL;
FILE *fp_ocorrencias_email = NULL;

/*****/
/* Estruturas para conter Informações de Detalhe da Declaração */
/*****/
typedef struct DetDeclar
{
    int    Dd_CdDetalhe;
    char   Dd_DcDetalhe[255];

```



```

    double Dd_VIDetalhe;
} DetDeclar;

/*****/
/* Informacoes sobre o arquivo de log */
/*****/
#define FILE_LOG 0
#define STDOUT_LOG 1
int log_mode = STDOUT_LOG | FILE_LOG;

/*****/
/* Variaveis globais */
/*****/

char *InstanciaBD;
char *usuario;
char *password;

/*****/
int main(int argc, char *argv[])
{

#ifdef VERSAO_PRODUCAO
    char *log_dir = "/sistemas/INCORPORACAO/GUIA/LOG";
    char *in_file_dir = "/sistemas/INCORPORACAO/GUIA/PENDENTE";
    char *base_file_dir = "/sistemas/INCORPORACAO/GUIA/";

    InstanciaBD = "genipabu";
    usuario = "CARGA_GUIA";
    password = "carga";

#endif

#ifdef VERSAO_TESTE
    char *log_dir = "/sistemas/INCORPORACAO/GUIA/LOG";
    char *in_file_dir = "/sistemas/INCORPORACAO/GUIA/PENDENTE";
    char *base_file_dir = "/sistemas/INCORPORACAO/GUIA/";

    InstanciaBD = "genipabu";
    usuario = "CARGA_GUIA";
    password = "carga";
#endif

    time_t t_i = 0, t_f = 0, t_c = 0;
    DIR *dp;

    int i = 0;

    /* Abre arquivo de log e grava nele algumas linhas */
    Open_Log(argv[0], log_dir);

```

```

if((dp = opendir(in_file_dir)) == NULL)
{
    fprintf(stderr,"Falha na abertura do diretorio %s.\nErrno %d \n",
            in_file_dir, errno);
    exit(1);
}

/* Efetuando conexao com o banco */
printf("=====
=====\\n");

Get_Password();

strcpy(Separator,"|");

fprintf(fp_output,"%s - Efetuando conexao com o BD user: %s --> instancia:
%s\\n",CurrentDateTime(DataHora,1),usuario,InstanciaBD);
printf("%s - Efetuando conexao com o BD user: %s --> instancia:
%s\\n",CurrentDateTime(DataHora,1),usuario,InstanciaBD);
fflush(stdout);

if(ConectaBD(usuario, cPassword, InstanciaBD) != 0)
{
    fprintf(fp_output,"%s - Erro ao tentar conexao com o banco de dados - sqlcode =
%d.\\n",CurrentDateTime(DataHora,1),
            sqlca.sqlcode);
    printf("%s - Erro ao tentar conexao com o banco de dados - sqlcode = %d.\\n",CurrentDateTime(DataHora,1),
            sqlca.sqlcode);
    exit(1);
}

fprintf(fp_output,"Conectado ao BD com sucesso.\\n");
printf("Conectado ao BD com sucesso.\\n");

fflush(stdout);

sprintf(sql, "ALTER SESSION SET NLS_DATE_FORMAT='YYYYMMDDHH24MISS'");

EXEC SQL EXECUTE IMMEDIATE :sql;

cStatus[0]    = '\\0';

EXEC SQL
select NU_PID,ST_PROCESSO||chr(0)
into  :proc_num_pid,:cStatus
from  adm_objetos.GUIA_NIGHT_BATCH_QUEUE;

if (strncmp(cStatus,"ON",2)==0)
{
    if (StatusProcUnixPid(proc_num_pid) ==0)
    {

```

```

        printf("Existe um processo em execucao!!!.\n");
fflush(stdout);

        closedir(dp);

        DesconectaBD();

exit(0);
    }
else
    {
        proc_num_pid = getpid();

        EXEC SQL
            UPDATE adm_objetos.GUIA_NIGHT_BATCH_QUEUE
            SET DT_ULT_EXECUCAO = SYSDATE,
                NU_PID          = :proc_num_pid;

        EXEC SQL COMMIT;
    }
}
else
    {
        if (strncmp(cStatus,"OFF",3)==0)
        {
            proc_num_pid = getpid();

            printf("Processo colocado em execucao - PID: %d .\n",proc_num_pid);
fflush(stdout);

            EXEC SQL
                UPDATE adm_objetos.GUIA_NIGHT_BATCH_QUEUE
                SET DT_ULT_EXECUCAO = SYSDATE,
                    ST_PROCESSO    = 'ON',
                    NU_PID         = :proc_num_pid;

            if (sqlca.sqlcode != 0)
            {
                sql_error(sqlca.sqlerrm.sqlerrmc);
            }

            EXEC SQL COMMIT;
        }
        else
        {
            printf("Status do processo em execucao não foi identificado - !!!.\n");
fflush(stdout);

            exit(1);
        }
    }
}

```

```

while((p = readdir(dp)) != NULL)
{

    sprintf(vNomeArquivo,"%s",p->d_name);

    strcpy(cPesqExtensao,mNextWord(vNomeArquivo,0,Word,5));
    cPesqExtensao[5]='\0';
    printf("cPesqExtensao => %s",cPesqExtensao);
    fflush(stdout);

    sprintf(vMascaraFinal,"%s",cPesqExtensao);
    printf("vMascaraFinal => %s",vMascaraFinal);
    fflush(stdout);

    sprintf(input_file_name,"%s/%s", in_file_dir, p->d_name);

    if ((strcmp(vMascaraFinal,"GUIA_",5)==0)||(strcmp(vMascaraFinal,"guia_",5)==0))
    {
        sprintf(input_file_name,"%s/%s", in_file_dir, p->d_name);
        sprintf(proc_input_file_name,"%s/PROCESSADO/%s", base_file_dir, p->d_name);
        sprintf(erro_input_file_name,"%s/PROBLEMA/%s", base_file_dir, p->d_name);

        /* Procura arquivo na tabela */
        EXEC SQL
        SELECT COUNT(*)
        INTO   :nPesquisaArquivo
        FROM   adm_objetos.GUIA_ARQUIVO_DIGITAL
        WHERE  NM_ARQUIVO = :vNomeArquivo;

        if (sqlca.sqlcode != 0)
        {
            sql_error(sqlca.sqlerrm.sqlerrmc);
        }

        if (nPesquisaArquivo > 0)
        {
            Move_Files_Erro();
            fprintf(fp_output,"%s - Arquivo duplicado : %s.\n",CurrentDateTime(DataHora,1),p->d_name);
            fprintf(fp_output,"%s - Arquivo movido p/ diretorio erro : %s.\n",CurrentDateTime(DataHora,1),p->d_name);

        }
        else
        {
            fprintf(fp_output,"=====
            =====\n");

            fprintf(fp_output,"Abrindo arquivo de entrada : %s.\n", input_file_name);
            if ((fp_input=fopen(input_file_name,"r")) == NULL)
            {
                fprintf(fp_output,"Erro na abertura do arquivo de entrada %s.\n",input_file_name);
            }
        }
    }
}

```

```
fprintf(fp_output,"errno = %d .\n",errno);
```

```
Move_Files_Erro();
```

```
EXEC SQL
```

```
UPDATE adm_objetos.GUIA_NIGHT_BATCH_QUEUE
```

```
SET ST_PROCESSO = 'OFF';
```

```
EXEC SQL COMMIT;
```

```
DesconectaBD();
```

```
exit(1);
```

```
}
```

```
else
```

```
{
```

```
nTotalRegInformado = 0;
```

```
ct_lidos = 0;
```

```
fprintf(fp_output,"%s - Processando arquivo : %s.\n",CurrentDateTime(DataHora,1),input_file_name);
```

```
Processa_Arquivo(in_file_dir);
```

```
Close_Input_Output_Files();
```

```
Move_Files();
```

```
EXEC SQL COMMIT;
```

```
}
```

```
}
```

```
}
```

```
}
```

```
closedir(dp);
```

```
t_f = time(NULL);
```

```
t_c = t_f - t_i;
```

```
EXEC SQL
```

```
UPDATE adm_objetos.GUIA_NIGHT_BATCH_QUEUE
```

```
SET ST_PROCESSO = 'OFF';
```

```
EXEC SQL COMMIT;
```

```
DesconectaBD();
```

```
sprintf(cmdsolaris,"gzip %s/PROCESSADO/*GUIA*.txt", base_file_dir);
```

```
resCmd = system(cmdsolaris);
```

```
exit(0);
```

```
}
```

```
/* **** */
```

```
/* Função Gravar Informações Complemento Declaração */
```

```

/*****/
void RecuperarInfCampo73 ()
{
int nCtaReg = 0;

int nPesqCampo73 = 0;
while ((fgets(buf_aux,sizeof(buf_aux),fp_input) != 0) && (nPesqCampo73 == 0))
{
if (strncmp(buf_aux,"[73]",4)==0)
{
nCtaReg = 0;
while ((fgets(buf_aux,sizeof(buf_aux),fp_input) != 0) && (nCtaReg <= 3))
{

if (strlen(buf_aux) > 1)
{

if (nCtaReg == 1)
{
strcpy(cMes,mExtractField(buf_aux,Separator,1,Field,FieldSize));
}
else
{
if (nCtaReg == 3)
{
strcpy(cAno,mExtractField(buf_aux,Separator,1,Field,FieldSize));
cPesqExtensao[0]='\0';

nPosicaoPesq = strlen(mExtractField(buf_aux,Separator,1,Field,FieldSize));
nPosicaoPesq = nPosicaoPesq - 4;
strcpy(cPesqExtensao,mNextWord(cAno,nPosicaoPesq,Word,4));
sprintf(cMest73,"%s%s",cMes,cPesqExtensao);
}
}

}
nCtaReg++;
}
nPesqCampo73 = 1;
}
}
ct_lidos++;

int nPesqCampo74 = 0;
if (strncmp(buf_aux,"[74]",4)==0)
{

nCtaReg = 0;
while ((fgets(buf_aux,sizeof(buf_aux),fp_input) != 0) && (nCtaReg <= 1))
{

```

```

if (strlen(buf_aux) > 1)
{

nVIVest74 = atof(mExtractFieldFloatLinha(buf_aux,Separator,1,Field,FieldSize));

}
nCtaReg++;
}
nPesqCampo74 = 1;
}

int nPesqCampo75 = 0;
while ((fgets(buf_aux,sizeof(buf_aux),fp_input) != 0) && (nPesqCampo75 == 0))
{

if (strncmp(buf_aux,"[75]",4)==0)
{

cDcObservacoes2[0] = '\0';
cDcObservacoes[0] = '\0';

while ((fgets(buf_aux,sizeof(buf_aux),fp_input) != 0) && (strncmp(cDcObservacoes2,"Fechar Detalhe",14)!=0))
{
strcpy(cDcObservacoes2,mExtractField(buf_aux,Separator,1,Field,FieldSize));

if ((strlen(buf_aux) > 1) && (strncmp(cDcObservacoes2,"Fechar Detalhe",14)!=0))
{
sprintf(cDcObservacoes,"%s%s",cDcObservacoes,cDcObservacoes2);
}
fprintf(fp_output,"3 - cDcObservacoes: %s",cDcObservacoes);

}

if (strlen(buf_aux) > 1)
{
cDcObservacoes[strlen(cDcObservacoes)] = '\0';
}
nPesqCampo75 = 1;
}
}

}

/*****
/*   Função Gravar Informações Complemento Declaração   */
*****/
void RecuperarInfCampo46 (DetDeclar VetDetDeclar[])
{

int nPesqCampo16 = 0;
while ((fgets(buf_aux,sizeof(buf_aux),fp_input) != 0) && (nPesqCampo16 == 0))

```

```

{
if (strcmp(buf_aux,"NO CAMPO 16",11)==0)
{
int nCtaReg = 0;
while ((fgets(buf_aux,sizeof(buf_aux),fp_input) != 0) && (nCtaReg <= 1))
{

if (strlen(buf_aux) > 1)
{
VIDetalhe = atof(mExtractFieldFloatLinha(buf_aux,Separator,1,Field,FieldSize));

if (VIDetalhe > 0)
{

VetDetDeclar[CtlDetDeclar].Dd_CdDetalhe = CdDetalhe;

strcpy(VetDetDeclar[CtlDetDeclar].Dd_DcDetalhe,DcDetalhe);

VetDetDeclar[CtlDetDeclar].Dd_VIDetalhe = VIDetalhe;

CtlDetDeclar++;
}
}
nCtaReg++;
}
nPesqCampo16 = 1;
}
}
ct_lidos++;
}
/*****/
/*   Função Gravar Detalhamentos dos Débitos e Créditos   */
/*****/
void GravaDetalhamentoDebitosCreditos(DetDeclar VetDetDeclar[])
{
int nPrimeiraVez = 1;
CdDetalhe = 0;
nCtaBytes = 0;
nCtaCampos = 0;
VIDetalhe = 0;

while (CdDetalhe < 71)
{

if (nCtaCampos == 0)
{
DcDetalhe[0] = '\0';
DcDetalhe2[0] = '\0';
CdDetalhe2[0] = '\0';
CdDetalhe = 0;
VIDetalhe = 0;

```



```

while ((fgets(buf_aux,sizeof(buf_aux),fp_input) != 0) && (strlen(buf_aux) > 1))
{

    ct_lidos++;

    strcpy(DcDetalhe2,mExtractField(buf_aux,Separator,1,Field,FieldSize));

    sprintf(DcDetalhe,"%s%s",DcDetalhe,DcDetalhe2);

}

    ct_lidos++;

nCtaCampos = 1;

}

if (nCtaCampos == 1)
{

while ((fgets(buf_aux,sizeof(buf_aux),fp_input) != 0) && (strlen(buf_aux) > 1))
{

    ct_lidos++;

    strcpy(CdDetalhe2,mExtractField(buf_aux,Separator,1,Field,FieldSize));

    CdDetalhe = atol(mNextWord(CdDetalhe2,1,Word,2));

}

    ct_lidos++;

nCtaCampos = 2;

}

if (nCtaCampos == 2)
{

    if (CdDetalhe != 46)
    {
        nPrimeiraVez = 1;
        while ((fgets(buf_aux,sizeof(buf_aux),fp_input) != 0) && (strlen(buf_aux) > 1))
        {
            ct_lidos++;

            if ((buf_aux[0] != '0') && (buf_aux[0] != '1') && (buf_aux[0] != '2') && (buf_aux[0] != '3') && (buf_aux[0]
!= '4') && (buf_aux[0] != '5') &&
            (buf_aux[0] != '6') && (buf_aux[0] != '7') && (buf_aux[0] != '8') && (buf_aux[0] != '9'))
            {
                strcpy(DcDetalhe2,mExtractField(buf_aux,Separator,1,Field,FieldSize));

```

```

        if (nPrimeiraVez == 1)
        {
            sprintf(DcDetalhe,"%s",DcDetalhe2);
nPrimeiraVez = 0;
        }
    else
    {
        sprintf(DcDetalhe,"%s%s",DcDetalhe,DcDetalhe2);
    }

nCtaCampos = 1;

        }
    else
    {
VIDetalhe = atof(mExtractFieldFloatLinha(buf_aux,Separator,1,Field,FieldSize));

if (VIDetalhe > 0)
{

VetDetDeclar[CtlDetDeclar].Dd_CdDetalhe = CdDetalhe;

strcpy(VetDetDeclar[CtlDetDeclar].Dd_DcDetalhe,DcDetalhe);

VetDetDeclar[CtlDetDeclar].Dd_VIDetalhe = VIDetalhe;

CtlDetDeclar++;
}

nCtaCampos = 0;

    }
    }
    ct_lidos++;

    }
else
{
    long posicaoAtual = ftell(fp_input);

    RecuperarInfCampo46 (VetDetDeclar);

    fseek(fp_input, posicaoAtual, SEEK_SET);

nCtaCampos = 0;

    ct_lidos++;
}

}

```

```

    }
    fprintf(fp_output,"ct_lidos: %d.\n",ct_lidos);

}

/*****
/*   Função Gravar Informações Complemento Declaração   */
*****/

void ProcessarVetorDetDeclar (DetDeclar VetDetDeclar[], int N)
{

    int i;
    i = 0;

    for (i = 0; i < N; i++) {

        fprintf(fp_output,"CD_GUIA: %d - CD_DETALHE: %d - DC_DETALHE: %s - VL_DETALHE:
        %lf.\n",nSqDocumento,VetDetDeclar[i].Dd_CdDetalhe,VetDetDeclar[i].Dd_DcDetalhe,VetDetDeclar[i].Dd_VIDetalhe);

        EXEC SQL
        INSERT INTO adm_objetos.GUIA_DETALHE_DEBITO_CREDITO
            (
                CD_GUIA,
                CD_DETALHE,
                DC_DETALHE,
                VL_DETALHE
            )
                VALUES (
                    :nSqDocumento,
                    :VetDetDeclar[i].Dd_CdDetalhe,
                    :VetDetDeclar[i].Dd_DcDetalhe,
                    trunc(:VetDetDeclar[i].Dd_VIDetalhe,2)
                );

        if (sqlca.sqlcode != 0)
        {
            fprintf(fp_output,"%s - INSERT INTO GUIA_DETALHE_DEBITO_CREDITO .\n",CurrentDateTime(DataHora,1));
            sql_error(sqlca.sqlerrm.sqlerrmc);
        }
    }

}

/*****
/*   Função Gravar Identificação Arquivo Digital   */
*****/

void GravarIdentArquivo (char *buf_aux)
{

    char cnm_arquivo[250+1];
    int nNuReferencia;
    char cdt_inclusao[18+1];

```

```
char cnm_usuario_inclusao[30+1];
strcpy(cnm_arquivo,p->d_name);
```

```
strcpy(cdt_inclusao,CurrentDateTime(DataHora,2));
strcpy(cnm_usuario_inclusao,usuario);
```

EXEC SQL

```
INSERT INTO adm_objetos.GUIA_ARQUIVO_DIGITAL
        (sq_arquivo,
         cd_versao ,
         nm_arquivo,
         nu_referencia,
         dt_inclusao,
         nm_usuario_inclusao)
VALUES (:nSqArquivo,
        1,
:cnm_arquivo||chr(0),
null,
to_date(:cdt_inclusao,'yyyymmddhh24:mi:ss')||chr(0),
:cnm_usuario_inclusao||chr(0)
        );
```

```
printf(" INSERT INTO GUIA_ARQUIVO_DIGITAL - nSqArquivo: %d.\n",nSqArquivo);
```

```
if (sqlca.sqlcode != 0)
{
    fprintf(fp_output,"%s - erro INSERT INTO GUIA_ARQUIVO_DIGITAL.\n",CurrentDateTime(DataHora,1));
    sql_error(sqlca.sqlerrm.sqlerrmc);
}

}
```

```
/******
/*          Carregar as linhas do arquivo          */
/******
```

```
Processa_Arquivo(char *base_file_dir)
{
```

```
#define IncReg 60000
```

```
static DetDeclar VetDetDeclar[IncReg];      /* Vetor de registros DetDeclar */
```

```
char  vDtReferencia[50];
char  cDtReferencia[50];
int   nNumReferencia = 0;
char  cNumReferencia[06+1];
```

```
char  vDtRecepcao[19+1];
char  vNuInscricao[12+1];
char  cNuInscricao[12];
```

```
int    nNuInscricao = 0;
double nVICest07_1 = 0;
double nVICest07_2 = 0;
double nVICest07_3 = 0;
double nVICest07_4 = 0;
```

```
double nVICout08_1 = 0;
double nVICout08_2 = 0;
double nVICout08_3 = 0;
double nVICout08_4 = 0;
```

```
double nVICext09_1 = 0;
double nVICext09_2 = 0;
double nVICext09_3 = 0;
double nVICext09_4 = 0;
```

```
double nVITota10_1 = 0;
double nVITota10_2 = 0;
double nVITota10_3 = 0;
double nVITota10_4 = 0;
```

```
double nVICpes11_1 = 0;
double nVICpes11_2 = 0;
double nVICpes11_3 = 0;
double nVICpes11_4 = 0;
```

```
double nVICpou12_1 = 0;
double nVICpou12_2 = 0;
double nVICpou12_3 = 0;
double nVICpou12_4 = 0;
```

```
double nVICpex13_1 = 0;
double nVICpex13_2 = 0;
double nVICpex13_3 = 0;
double nVICpex13_4 = 0;
```

```
double nVITota14_1 = 0;
double nVITota14_2 = 0;
double nVITota14_3 = 0;
double nVITota14_4 = 0;
```

```
double nVIDebi15 = 0;
double nVIOutd16 = 0;
double nVIEstc17 = 0;
double nVITota18 = 0;
double nVICrei19 = 0;
double nVIOutc20 = 0;
double nVIEstc21 = 0;
double nVISubt22 = 0;
double nVIScpa23 = 0;
double nVITota24 = 0;
```

```

double nVIApus25 = 0;
double nVIDebt26 = 0;
double nVIApur27 = 0;
double nVIApuc28 = 0;
double nVINorr29 = 0;
double nVINora30 = 0;
double nVISpsr31 = 0;
double nVISpsa32 = 0;
double nVISper33 = 0;
double nVISpea34 = 0;
double nVIlmpr35 = 0;
double nVIlmpa36 = 0;
double nVIEpr37 = 0;
double nVIEpa38 = 0;
double nVIAnt39 = 0;
double nVIAnta40 = 0;
double nVIlcmr41 = 0;
double nVIlcma42 = 0;

```

```

int  nTipoFlagUltimaDeclar = 0;
char  cRowId[50];
int  nRk          = 0;

```

```

FieldSize = sizeof(Field);
memset(&VetDetDeclar[0], 0, sizeof(VetDetDeclar));
CtlDetDeclar = 0;

```

```

while ((fgets(buf_aux,sizeof(buf_aux),fp_input) != 0) )
{

```

```

    ct_lidos++;

```

```

if (ct_lidos == 13)
{

```

```

    EXEC SQL

```

```

        Select ADM_OBJETOS.GUIA_SQ_ARQUIVO.nextval
        Into  :nSqArquivo
        from  dual;

```

```

    if (sqlca.sqlcode != 0)
    {

```

```

        fprintf(fp_output,"%s - Erro Obtendo Valor da SEQUENCE
Guia_SQ_ARQUIVO.\n",CurrentDateTime(DataHora,1));
        sql_error(sqlca.sqlerrm.sqlerrmc);
    }

```

```

    GravarIdentArquivo (buf_aux);

```

```

    strcpy(vDtReferencia,mExtractField(buf_aux,Separator,1,Field,FieldSize));

```

```

cPesqExtensao[0] = '\0';
cNumReferencia[0] = '\0';
    int r = 0;
int w = 0;
int l = 0;
int t = 0;
for(r = 0; r < strlen(vDtReferencia); r++)
{
    if (vDtReferencia[r] == '/')
    {
        l = r;
    }

if (l == 0)
{
cDtReferencia[t] = vDtReferencia[r];
    t++;
}

if (l > 0)
{
    if (l!=r)
    {
        cNumReferencia[w] = vDtReferencia[r];
        w++;
    }
}

}

cDtReferencia[t] = '\0';
cNumReferencia[w] = '\0';

if (strncmp(cDtReferencia,"Janeiro",8)==0)
{
    sprintf(cNumReferencia,"%s01",cNumReferencia);

}
else
{
    if (strncmp(cDtReferencia,"Fevereiro",9)==0)
    {
        sprintf(cNumReferencia,"%s02",cNumReferencia);
    }
    else
    {
        if (strncmp(cDtReferencia,"Março",5)==0)
        {
            sprintf(cNumReferencia,"%s03",cNumReferencia);
        }
    }
}

```

```
else
{
if (strncmp(cDtReferencia,"Abril",5)==0)
{
sprintf(cNumReferencia,"%s04",cNumReferencia);
}
else
{
if (strncmp(cDtReferencia,"Maio",4)==0)
{
sprintf(cNumReferencia,"%s05",cNumReferencia);
}
else
{
if (strncmp(cDtReferencia,"Junho",5)==0)
{
sprintf(cNumReferencia,"%s06",cNumReferencia);
}
else
{
if (strncmp(cDtReferencia,"Julho",5)==0)
{
sprintf(cNumReferencia,"%s07",cNumReferencia);
}
else
{
if (strncmp(cDtReferencia,"Agosto",6)==0)
{
sprintf(cNumReferencia,"%s08",cNumReferencia);
}
else
{
if (strncmp(cDtReferencia,"Setembro",8)==0)
{
sprintf(cNumReferencia,"%s09",cNumReferencia);
}
else
{
if (strncmp(cDtReferencia,"Outubro",7)==0)
{
sprintf(cNumReferencia,"%s10",cNumReferencia);
}
else
{
if (strncmp(cDtReferencia,"Novembro",8)==0)
{
sprintf(cNumReferencia,"%s11",cNumReferencia);
}
else
{
if (strncmp(cDtReferencia,"Dezembro",8)==0)
```



```

{
printf(cNumReferencia,"%s12",cNumReferencia);
}

}

}

}

}
}
}
}

}
}
}
}

printf("Data Referência: %s - cNumReferencia: %s - cPesqExtensao: %s.\n",vDtReferencia,cNumReferencia);
}
else
{
if (ct_lidos == 15)
{
strcpy(vDtRecepcao,mExtractField(buf_aux,Separator,1,Field,FieldSize));
printf("Data Recepção: %s.\n",vDtRecepcao);
}
else
{
if (ct_lidos == 19)
{
strcpy(vNuInscricao,mExtractField(buf_aux,Separator,1,Field,FieldSize));
int i = 0;
int j = 0;
for(i = 0; i < strlen(vNuInscricao); i++)
{
if ((vNuInscricao[i] != '.') && (vNuInscricao[i] != '-'))
{
cNuInscricao[j] = vNuInscricao[i];
j++;
}
}

cNuInscricao[j] = '\0';

nNuInscricao = atol(cNuInscricao);

printf("Num. Inscrição: %s - nNuInscricao: %d.\n",cNuInscricao,nNuInscricao);
}

```

```

else
{
if (ct_lidos == 54)
{
nVICest07_1 = atof(mExtractFieldFloatLinha(buf_aux,Separator,1,Field,FieldSize));
printf("cVICest07_1: %lf.\n",nVICest07_1);
}
else
{
if (ct_lidos == 56)
{
nVICest07_2 = atof(mExtractFieldFloatLinha(buf_aux,Separator,1,Field,FieldSize));
printf("cVICest07_2: %lf.\n",nVICest07_2);
}
else
{
if (ct_lidos == 58)
{
nVICest07_3 = atof(mExtractFieldFloatLinha(buf_aux,Separator,1,Field,FieldSize));
printf("cVICest07_3: %lf.\n",nVICest07_3);
}
else
{
if (ct_lidos == 60)
{
nVICest07_4 = atof(mExtractFieldFloatLinha(buf_aux,Separator,1,Field,FieldSize));
printf("cVICest07_4: %lf.\n",nVICest07_4);
}
else
{
if (ct_lidos == 67)
{
nVICout08_1 = atof(mExtractFieldFloatLinha(buf_aux,Separator,1,Field,FieldSize));
printf("nVICout08_1: %lf.\n",nVICout08_1);
}
else
{
if (ct_lidos == 69)
{
nVICout08_2 = atof(mExtractFieldFloatLinha(buf_aux,Separator,1,Field,FieldSize));
printf("nVICout08_2: %lf.\n",nVICout08_2);
}
else
{
if (ct_lidos == 71)
{
nVICout08_3 = atof(mExtractFieldFloatLinha(buf_aux,Separator,1,Field,FieldSize));
printf("nVICout08_3: %lf.\n",nVICout08_3);
}
else
{

```

```

if (ct_lidos == 73)
{
nVICout08_4 = atof(mExtractFieldFloatLinha(buf_aux,Separator,1,Field,FieldSize));
printf("nVICout08_4: %lf.\n",nVICout08_4);
}
else
{
if (ct_lidos == 80)
{
nVICext09_1 = atof(mExtractFieldFloatLinha(buf_aux,Separator,1,Field,FieldSize));
printf("nVICext09_1: %lf.\n",nVICext09_1);
}
else
{
if (ct_lidos == 82)
{
nVICext09_2 = atof(mExtractFieldFloatLinha(buf_aux,Separator,1,Field,FieldSize));
printf("nVICext09_2: %lf.\n",nVICext09_2);
}
else
{
if (ct_lidos == 84)
{
nVICext09_3 = atof(mExtractFieldFloatLinha(buf_aux,Separator,1,Field,FieldSize));
printf("nVICext09_3: %lf.\n",nVICext09_3);
}
else
{
if (ct_lidos == 86)
{
nVICext09_4 = atof(mExtractFieldFloatLinha(buf_aux,Separator,1,Field,FieldSize));
printf("nVICext09_4: %lf.\n",nVICext09_4);
}
else
{
if (ct_lidos == 92)
{
nVITota10_1 = atof(mExtractFieldFloatLinha(buf_aux,Separator,1,Field,FieldSize));
printf("nVITota10_1: %lf.\n",nVITota10_1);
}
else
{
if (ct_lidos == 94)
{
nVITota10_2 = atof(mExtractFieldFloatLinha(buf_aux,Separator,1,Field,FieldSize));
printf("nVITota10_2: %lf.\n",nVITota10_2);
}
else
{
if (ct_lidos == 96)
{

```

```

nVITota10_3 = atof(mExtractFieldFloatLinha(buf_aux,Separator,1,Field,FieldSize));
printf("nVITota10_3: %lf.\n",nVITota10_3);
}
else
{
if (ct_lidos == 98)
{
nVITota10_4 = atof(mExtractFieldFloatLinha(buf_aux,Separator,1,Field,FieldSize));
printf("nVITota10_4: %lf.\n",nVITota10_4);
}
else
{
if (ct_lidos == 124)
{
nVICpes11_1 = atof(mExtractFieldFloatLinha(buf_aux,Separator,1,Field,FieldSize));
printf("nVICpes11_1: %lf.\n",nVICpes11_1);
}
else
{
if (ct_lidos == 126)
{
nVICpes11_2 = atof(mExtractFieldFloatLinha(buf_aux,Separator,1,Field,FieldSize));
printf("nVICpes11_2: %lf.\n",nVICpes11_2);
}
else
{
if (ct_lidos == 128)
{
nVICpes11_3 = atof(mExtractFieldFloatLinha(buf_aux,Separator,1,Field,FieldSize));
printf("nVICpes11_3: %lf.\n",nVICpes11_3);
}
else
{
if (ct_lidos == 130)
{
nVICpes11_4 = atof(mExtractFieldFloatLinha(buf_aux,Separator,1,Field,FieldSize));
printf("nVICpes11_4: %lf.\n",nVICpes11_4);
}
else
{
if (ct_lidos == 137)
{
nVICpou12_1 = atof(mExtractFieldFloatLinha(buf_aux,Separator,1,Field,FieldSize));
printf("nVICpou12_1: %lf.\n",nVICpou12_1);
}
else
{
if (ct_lidos == 139)
{
nVICpou12_2 = atof(mExtractFieldFloatLinha(buf_aux,Separator,1,Field,FieldSize));
printf("nVICpou12_2: %lf.\n",nVICpou12_2);
}

```

```

    }
else
{
if (ct_lidos == 141)
{
nVICpou12_3 = atof(mExtractFieldFloatLinha(buf_aux,Separator,1,Field,FieldSize));
printf("nVICpou12_3: %lf.\n",nVICpou12_3);
}
else
{
if (ct_lidos == 143)
{
nVICpou12_4 = atof(mExtractFieldFloatLinha(buf_aux,Separator,1,Field,FieldSize));
printf("nVICpou12_4: %lf.\n",nVICpou12_4);
}
else
{
if (ct_lidos == 150)
{
nVICpex13_1 = atof(mExtractFieldFloatLinha(buf_aux,Separator,1,Field,FieldSize));
printf("nVICpex13_1: %lf.\n",nVICpex13_1);
}
else
{
if (ct_lidos == 152)
{
nVICpex13_2 = atof(mExtractFieldFloatLinha(buf_aux,Separator,1,Field,FieldSize));
printf("nVICpex13_2: %lf.\n",nVICpex13_2);
}
else
{
if (ct_lidos == 154)
{
nVICpex13_3 = atof(mExtractFieldFloatLinha(buf_aux,Separator,1,Field,FieldSize));
printf("nVICpex13_3: %lf.\n",nVICpex13_3);
}
else
{
if (ct_lidos == 156)
{
nVICpex13_4 = atof(mExtractFieldFloatLinha(buf_aux,Separator,1,Field,FieldSize));
printf("nVICpex13_4: %lf.\n",nVICpex13_4);
}
else
{
if (ct_lidos == 162)
{
nVITota14_1 = atof(mExtractFieldFloatLinha(buf_aux,Separator,1,Field,FieldSize));
printf("nVITota14_1: %lf.\n",nVITota14_1);
}
else

```

```

{
if (ct_lidos == 164)
{
nVITota14_2 = atof(mExtractFieldFloatLinha(buf_aux,Separator,1,Field,FieldSize));
printf("nVITota14_2: %lf.\n",nVITota14_2);
}
else
{
if (ct_lidos == 166)
{
nVITota14_3 = atof(mExtractFieldFloatLinha(buf_aux,Separator,1,Field,FieldSize));
printf("nVITota14_3: %lf.\n",nVITota14_3);
}
else
{
if (ct_lidos == 168)
{
nVITota14_4 = atof(mExtractFieldFloatLinha(buf_aux,Separator,1,Field,FieldSize));
printf("nVITota14_4: %lf.\n",nVITota14_4);
}
else
{
if (ct_lidos == 183)
{
nVIDebi15 = atof(mExtractFieldFloatLinha(buf_aux,Separator,1,Field,FieldSize));
printf("nVIDebi15: %lf.\n",nVIDebi15);
}
else
{
if (ct_lidos == 189)
{
nVIOutd16 = atof(mExtractFieldFloatLinha(buf_aux,Separator,1,Field,FieldSize));
printf("nVIOutd16: %lf.\n",nVIOutd16);
}
else
{
if (ct_lidos == 195)
{
nVIEstc17 = atof(mExtractFieldFloatLinha(buf_aux,Separator,1,Field,FieldSize));
printf("nVIEstc17: %lf.\n",nVIEstc17);
}
else
{
if (ct_lidos == 201)
{
nVITota18 = atof(mExtractFieldFloatLinha(buf_aux,Separator,1,Field,FieldSize));
printf("nVITota18: %lf.\n",nVITota18);
}
else
{
if (ct_lidos == 208)

```

```

{
nVICrei19 = atof(mExtractFieldFloatLinha(buf_aux,Separator,1,Field,FieldSize));
printf("nVICrei19: %lf.\n",nVICrei19);
}
else
{
if (ct_lidos == 214)
{
nVIOutc20 = atof(mExtractFieldFloatLinha(buf_aux,Separator,1,Field,FieldSize));
printf("nVIOutc20: %lf.\n",nVIOutc20);
}
else
{
if (ct_lidos == 220)
{
nVIEstc21 = atof(mExtractFieldFloatLinha(buf_aux,Separator,1,Field,FieldSize));
printf("nVIEstc21: %lf.\n",nVIEstc21);
}
else
{
if (ct_lidos == 226)
{
nVISubt22 = atof(mExtractFieldFloatLinha(buf_aux,Separator,1,Field,FieldSize));
printf("nVISubt22: %lf.\n",nVISubt22);
}
else
{
if (ct_lidos == 233)
{
nVIScpa23 = atof(mExtractFieldFloatLinha(buf_aux,Separator,1,Field,FieldSize));
printf("nVIScpa23: %lf.\n",nVIScpa23);
}
else
{
if (ct_lidos == 239)
{
nVITota24 = atof(mExtractFieldFloatLinha(buf_aux,Separator,1,Field,FieldSize));
printf("nVITota24: %lf.\n",nVITota24);
}
else
{
if (ct_lidos == 245)
{
nVIApus25 = atof(mExtractFieldFloatLinha(buf_aux,Separator,1,Field,FieldSize));
printf("nVIApus25: %lf.\n",nVIApus25);
}
else
{
if (ct_lidos == 251)
{
nVIDebt26 = atof(mExtractFieldFloatLinha(buf_aux,Separator,1,Field,FieldSize));

```

```
printf("nVIDebt26: %lf.\n",nVIDebt26);
}
else
{
if (ct_lidos == 257)
{
nVIAPur27 = atof(mExtractFieldFloatLinha(buf_aux,Separator,1,Field,FieldSize));
printf("nVIAPur27: %lf.\n",nVIAPur27);
}
else
{
if (ct_lidos == 264)
{
nVIApuc28 = atof(mExtractFieldFloatLinha(buf_aux,Separator,1,Field,FieldSize));
printf("nVIApuc28: %lf.\n",nVIApuc28);
}
else
{
if (ct_lidos == 271)
{
nVINorr29 = atof(mExtractFieldFloatLinha(buf_aux,Separator,1,Field,FieldSize));
printf("nVINorr29: %lf.\n",nVINorr29);
}
else
{
if (ct_lidos == 277)
{
nVINora30 = atof(mExtractFieldFloatLinha(buf_aux,Separator,1,Field,FieldSize));
printf("nVINora30: %lf.\n",nVINora30);
}
else
{
if (ct_lidos == 290)
{
nVISpsr31 = atof(mExtractFieldFloatLinha(buf_aux,Separator,1,Field,FieldSize));
printf("nVISpsr31: %lf.\n",nVISpsr31);
}
else
{
if (ct_lidos == 297)
{
nVISpsa32 = atof(mExtractFieldFloatLinha(buf_aux,Separator,1,Field,FieldSize));
printf("nVISpsa32: %lf.\n",nVISpsa32);
}
else
{
if (ct_lidos == 304)
{
nVISper33 = atof(mExtractFieldFloatLinha(buf_aux,Separator,1,Field,FieldSize));
printf("nVISper33: %lf.\n",nVISper33);
}
```



```

else
{
if (ct_lidos == 311)
{
nVISpea34 = atof(mExtractFieldFloatLinha(buf_aux,Separator,1,Field,FieldSize));
printf("nVISpea34: %lf.\n",nVISpea34);
}
else
{
if (ct_lidos == 318)
{
nVIlmpr35 = atof(mExtractFieldFloatLinha(buf_aux,Separator,1,Field,FieldSize));
printf("nVIlmpr35: %lf.\n",nVIlmpr35);
}
else
{
if (ct_lidos == 325)
{
nVIlmpa36 = atof(mExtractFieldFloatLinha(buf_aux,Separator,1,Field,FieldSize));
printf("nVIlmpa36: %lf.\n",nVIlmpa36);
}
else
{
if (ct_lidos == 332)
{
nVIExpr37 = atof(mExtractFieldFloatLinha(buf_aux,Separator,1,Field,FieldSize));
printf("nVIExpr37: %lf.\n",nVIExpr37);
}
else
{
if (ct_lidos == 339)
{
nVIExpa38 = atof(mExtractFieldFloatLinha(buf_aux,Separator,1,Field,FieldSize));
printf("nVIExpa38: %lf.\n",nVIExpa38);
}
else
{
if (ct_lidos == 345)
{
nVIAntr39 = atof(mExtractFieldFloatLinha(buf_aux,Separator,1,Field,FieldSize));
printf("nVIAntr39: %lf.\n",nVIAntr39);
}
else
{
if (ct_lidos == 351)
{
nVIAnta40 = atof(mExtractFieldFloatLinha(buf_aux,Separator,1,Field,FieldSize));
printf("nVIAnta40: %lf.\n",nVIAnta40);
}
else
{

```

```

if (ct_lidos == 355)
{
nVllcmr41 = atof(mExtractFieldFloatLinha(buf_aux,Separator,1,Field,FieldSize));
printf("nVllcmr41: %lf.\n",nVllcmr41);
}
else
{
if (ct_lidos == 361)
{
nVllcma42 = atof(mExtractFieldFloatLinha(buf_aux,Separator,1,Field,FieldSize));
printf("nVllcma42: %lf.\n",nVllcma42);

}
else
{

if (ct_lidos == 374)
{
GravaDetalhamentoDebitosCreditos (VetDetDeclar);
RecuperarInfCampo73();
}

/*else
{
if (ct_lidos == 551)
{
strcpy(cMes,mExtractField(buf_aux,Separator,1,Field,FieldSize));

printf("cMes: %s.\n",cMes);
}
else
{
if (ct_lidos == 553)
{
strcpy(cAno,mExtractField(buf_aux,Separator,1,Field,FieldSize));
cPesqExtensao[0]='\0';

nPosicaoPesq = strlen(mExtractField(buf_aux,Separator,1,Field,FieldSize));
nPosicaoPesq = nPosicaoPesq - 4;
strcpy(cPesqExtensao,mNextWord(cAno,nPosicaoPesq,Word,4));
sprintf(cMest73,"%s%s",cMes,cPesqExtensao);

printf("cMest73: %s.\n",cMest73);
}
else
{
if (ct_lidos == 557)
{
nVIVest74 = atof(mExtractFieldFloatLinha(buf_aux,Separator,1,Field,FieldSize));
printf("nVIVest74: %lf.\n",nVIVest74);
}

```

```
else
{
if (ct_lidos == 562)
{

cDcObservacoes2[0] = '\0';
cDcObservacoes[0] = '\0';


nCtaBytes = 0;


strcpy(cDcObservacoes2,mExtractField(buf_aux,Separator,1,Field,FieldSize));


if (strcmp(cDcObservacoes2,"Fechar Detalhe",14)!=0)
{
sprintf(cDcObservacoes,"%s",cDcObservacoes2);
}

while ((fgets(buf_aux,sizeof(buf_aux),fp_input) != 0) && (strcmp(cDcObservacoes2,"Fechar Detalhe",14)!=0))
{
strcpy(cDcObservacoes2,mExtractField(buf_aux,Separator,1,Field,FieldSize));


nCtaBytes = strlen(cDcObservacoes2);


if ((nCtaBytes > 1) && (strcmp(cDcObservacoes2,"Fechar Detalhe",14)!=0))
{
sprintf(cDcObservacoes,"%s%s",cDcObservacoes,cDcObservacoes2);
}

}

nCtaBytes = strlen(cDcObservacoes);


cDcObservacoes[nCtaBytes] = '\0';


printf("cDcObservacoes: %s.\n",cDcObservacoes);
}
}
}
}
}
}
}
}
}
}
}
}
}
```

[illegible]

}

}

```
if ((nVICest07_1 == 0) &&  
    (nVICest07_2 == 0) &&  
    (nVICest07_3 == 0) &&  
    (nVICest07_4 == 0) &&  
    (nVICout08_1 == 0) &&  
    (nVICout08_2 == 0) &&  
    (nVICout08_3 == 0) &&  
    (nVICout08_4 == 0) &&  
    (nVICext09_1 == 0) &&  
    (nVICext09_2 == 0) &&  
    (nVICext09_3 == 0) &&  
    (nVICext09_4 == 0) &&  
    (nVITota10_1 == 0) &&  
    (nVITota10_2 == 0) &&  
    (nVITota10_3 == 0) &&  
    (nVITota10_4 == 0) &&  
    (nVICpes11_1 == 0) &&  
    (nVICpes11_2 == 0) &&  
    (nVICpes11_3 == 0) &&  
    (nVICpes11_4 == 0) &&  
    (nVICpou12_1 == 0) &&  
    (nVICpou12_2 == 0) &&  
    (nVICpou12_3 == 0) &&  
    (nVICpou12_4 == 0) &&  
    (nVICpex13_1 == 0) &&  
    (nVICpex13_2 == 0) &&  
    (nVICpex13_3 == 0) &&  
    (nVICpex13_4 == 0) &&  
    (nVITota14_1 == 0) &&  
    (nVITota14_2 == 0) &&  
    (nVITota14_3 == 0) &&  
    (nVITota14_4 == 0) &&  
    (nVIDebi15 == 0) &&  
    (nVIOutd16 == 0) &&  
    (nVIEstc17 == 0) &&  
    (nVITota18 == 0) &&  
    (nVICrei19 == 0) &&  
    (nVIOutc20 == 0) &&  
    (nVIEstc21 == 0) &&  
    (nVISubt22 == 0) &&  
    (nVIScpa23 == 0) &&  
    (nVITota24 == 0) &&  
    (nVIApus25 == 0) &&  
    (nVIDebt26 == 0) &&  
    (nVIApur27 == 0) &&  
    (nVIApuc28 == 0) &&  
    (nVINorr29 == 0) &&
```

```

(nVINora30 == 0) &&
(nVISpsr31 == 0) &&
(nVISpsa32 == 0) &&
(nVISper33 == 0) &&
(nVISpea34 == 0) &&
(nVIImpr35 == 0) &&
(nVIImpa36 == 0) &&
(nVIExpr37 == 0) &&
(nVIExpa38 == 0) &&
(nVIANtr39 == 0) &&
(nVIAnta40 == 0) &&
(nVIIcmr41 == 0) &&
(nVIIcma42 == 0) &&
(nVIVest74 == 0) )
{
nFgZerada = 1;
}
else
{
nFgZerada = 0;
}

```

#### EXEC SQL

```

Select adm_objetos.Guia_SQ_DOCUMENTO.nextval
Into :nSqDocumento
from dual;

```

```

if (sqlca.sqlcode != 0)
{
fprintf(fp_output,"%s - Erro Obtendo Valor da SEQUENCE
GUIA_SQ_DOCUMENTO.\n",CurrentDateTime(DataHora,1));
sql_error(sqlca.sqlerrm.sqlerrmc);
}

```

#### EXEC SQL

```

INSERT INTO adm_objetos.GUIA_INFORMATIVA_MENSAL
(
cd_GUIA,
nu_referencia,
nu_inscricao,
vl_cest07_1,
vl_cest07_2,
vl_cest07_3,
vl_cest07_4,
vl_cout08_1,
vl_cout08_2,
vl_cout08_3,
vl_cout08_4,
vl_cext09_1,
vl_cext09_2,
vl_cext09_3,

```

vl\_cext09\_4,  
vl\_tota10\_1,  
vl\_tota10\_2,  
vl\_tota10\_3,  
vl\_tota10\_4,  
vl\_cpes11\_1,  
vl\_cpes11\_2,  
vl\_cpes11\_3,  
vl\_cpes11\_4,  
vl\_cpou12\_1,  
vl\_cpou12\_2,  
vl\_cpou12\_3,  
vl\_cpou12\_4,  
vl\_cpex13\_1,  
vl\_cpex13\_2,  
vl\_cpex13\_3,  
vl\_cpex13\_4,  
vl\_tota14\_1,  
vl\_tota14\_2,  
vl\_tota14\_3,  
vl\_tota14\_4,  
vl\_debi15,  
vl\_outd16,  
vl\_estc17,  
vl\_tota18,  
vl\_crei19,  
vl\_outc20,  
vl\_estc21,  
vl\_subt22,  
vl\_scpa23,  
vl\_tota24,  
vl\_apus25,  
vl\_debt26,  
vl\_apur27,  
vl\_apuc28,  
vl\_norr29,  
vl\_nora30,  
vl\_spsr31,  
vl\_spsa32,  
vl\_sper33,  
vl\_spea34,  
vl\_impr35,  
vl\_impa36,  
vl\_expr37,  
vl\_expa38,  
vl\_antr39,  
vl\_anta40,  
vl\_icmr41,  
vl\_icma42,  
mest73,  
vl\_vest74,

```

nm_usuario,
dt_recepcao,
fg_zerada,
dc_observacoes,
sq_arquivo
)
VALUES (
:nSqDocumento,
:cNumReferencia,
:nNuInscricao,
trunc(:nVICest07_1,2),
trunc(:nVICest07_2,2),
trunc(:nVICest07_3,2),
trunc(:nVICest07_4,2),
trunc(:nVICout08_1,2),
trunc(:nVICout08_2,2),
trunc(:nVICout08_3,2),
trunc(:nVICout08_4,2),
trunc(:nVICext09_1,2),
trunc(:nVICext09_2,2),
trunc(:nVICext09_3,2),
trunc(:nVICext09_4,2),
trunc(:nVITota10_1,2),
trunc(:nVITota10_2,2),
trunc(:nVITota10_3,2),
trunc(:nVITota10_4,2),
trunc(:nVICpes11_1,2),
trunc(:nVICpes11_2,2),
trunc(:nVICpes11_3,2),
trunc(:nVICpes11_4,2),
trunc(:nVICpou12_1,2),
trunc(:nVICpou12_2,2),
trunc(:nVICpou12_3,2),
trunc(:nVICpou12_4,2),
trunc(:nVICpex13_1,2),
trunc(:nVICpex13_2,2),
trunc(:nVICpex13_3,2),
trunc(:nVICpex13_4,2),
trunc(:nVITota14_1,2),
trunc(:nVITota14_2,2),
trunc(:nVITota14_3,2),
trunc(:nVITota14_4,2),
trunc(:nVIDebi15,2),
trunc(:nVIOutd16,2),
trunc(:nVIEstc17,2),
trunc(:nVITota18,2),
trunc(:nVICrei19,2),
trunc(:nVIOutc20,2),
trunc(:nVIEstc21,2),
trunc(:nVISubt22,2),
trunc(:nVIScpa23,2),

```



```

trunc(:nVITota24,2),
trunc(:nVIApus25,2),
trunc(:nVIDebt26,2),
trunc(:nVIApur27,2),
trunc(:nVIApuc28,2),
trunc(:nVINorr29,2),
trunc(:nVINora30,2),
trunc(:nVISpsr31,2),
trunc(:nVISpsa32,2),
trunc(:nVISper33,2),
trunc(:nVISpea34,2),
trunc(:nVIImpr35,2),
trunc(:nVIImpa36,2),
trunc(:nVIEpr37,2),
trunc(:nVIEpa38,2),
trunc(:nVIANtr39,2),
trunc(:nVIAnta40,2),
trunc(:nVIIcmr41,2),
trunc(:nVIIcma42,2),
:cMest73,
trunc(:nVIVest74,2),
:usuario||chr(0),
to_date(:vDtRecepcao,'dd/mm/yyyy hh24:mi:ss')||chr(0),
:nFgZerada,
:cDcObservacoes||chr(0),
:nSqArquivo
);

if (sqlca.sqlcode != 0)
{
fprintf(fp_output,"%s - Erro INSERT INTO GUIA_INFORMATIVA_MENSAL - nSqDocumento: %d - cNumReferencia:
%s - cNuInscricao: %d - cMest73:
%s.\n",CurrentDateTime(DataHora,1),nSqDocumento,cNumReferencia,nNuInscricao,cMest73);
sql_error(sqlca.sqlerrm.sqlerrmc);
}

EXEC SQL DECLARE cAlterarFlagUltDeclar CURSOR FOR
Select rwd,
rownum rk
From (
Select /*+ rule */
c.rowid||chr(0) rwd,
c.dt_recepcao
From adm_objetos.guia_informativa_mensal c,
adm_objetos.guia_arquivo_digital d
Where c.sq_arquivo = d.sq_arquivo
And c.nu_inscricao = :nNuInscricao
And c.nu_referencia = :cNumReferencia
order by c.dt_recepcao desc
);

```

```
EXEC SQL OPEN cAlterarFlagUltDeclar;
```

```
if (sqlca.sqlcode != 0)
{
    printf("%s - Erro ao abrir Cursor cAlterarFlagUltDeclar.\n",CurrentDateTime(DataHora,1));
    sql_error(sqlca.sqlerrm.sqlerrmc);
}
```

```
do {
```

```
EXEC SQL FETCH cAlterarFlagUltDeclar INTO :cRowId,
:nRk;
```

```
if ((sqlca.sqlcode != 0) && (sqlca.sqlcode != 1403))
    sql_error(sqlca.sqlerrm.sqlerrmc);
```

```
if (sqlca.sqlcode == 0)
{
```

```
    if (nRk == 1)
    {
        nTipoFlagUltimaDeclar = 1;
    }
    else
    {
        nTipoFlagUltimaDeclar = 0;
    }
}
```

```
EXEC SQL
Update adm_objetos.guia_informativa_mensal c
Set   c.fg_ultima_declaracao = :nTipoFlagUltimaDeclar
Where c.rowid                = :cRowId;
```

```
if (sqlca.sqlcode != 0)
{
    printf("%s - Erro EXEC SQL Update guia_informativa_mensal .\n",CurrentDateTime(DataHora,1));
    sql_error(sqlca.sqlerrm.sqlerrmc);
}
```

```
}
} while (sqlca.sqlcode == 0);
```

```
if (CtlDetDeclar > 0)
{

    ProcessarVetorDetDeclar(VetDetDeclar, CtlDetDeclar);
}
```

```

EXEC SQL COMMIT;

if (sqlca.sqlcode != 0)
{
fprintf(fp_output,"%s - EXEC SQL COMMIT.\n",CurrentDateTime(DataHora,1));
sql_error(sqlca.sqlerrm.sqlerrmc);
}

}

/*****
/*          Abre arquivo de Log          */
*****/

Open_Log(char *prog, char *log_dir)
{
if(strchr(prog,'/'))
strcpy(prog_name,strchr(prog,'/') + 1);
else
strcpy(prog_name,prog);

sprintf(log_file,"%s/%s_%.s.LOG", log_dir, prog_name,CurrentDateTime(DataHora,2));

if((fp_output=fopen(log_file,"a+")) == NULL)
{
fprintf(stderr,"%s - Falha na abertura do arquivo de log: %.s.\nErrno %d \n",CurrentDateTime(DataHora,1),
log_file, errno);

DesconectaBD();
exit(1);
}
}

/*****
/*          Conecta ao Banco de Dados          */
*****/

ConectaBD(char *User, char *Password, char *Database)
{
EXEC SQL BEGIN DECLARE SECTION;
varchar dbUser    [ 40 ];
varchar dbPassword [ 40 ];
varchar dbDatabase [ 40 ];
EXEC SQL END DECLARE SECTION;

dbUser.len  = strlen(User);
dbPassword.len = strlen>Password);
dbDatabase.len = strlen(Database);

strncpy (dbUser.arr  , User  , dbUser.len  );
strncpy (dbPassword.arr, Password, dbPassword.len);
strncpy (dbDatabase.arr, Database, dbDatabase.len);

```

```

oraca.orastxtf = ORASTFERR;
EXEC SQL CONNECT :dbUser
IDENTIFIED BY :dbPassword
USING :dbDatabase;

return(0);
}

/*****
/*          Desconecta ao Banco de Dados          */
*****/

DesconectaBD()
{
EXEC SQL ROLLBACK;
EXEC SQL COMMIT WORK RELEASE;
fprintf(fp_output,"Desconexao com o BD efetuada com sucesso.\n");
}

/*****
sql_error(msg)
char *msg;
{
    fprintf(fp_output,"\n%s", msg);
    sqlca.sqlerrm.sqlerrmc[sqlca.sqlerrm.sqlerrml] = '\0';
    oraca.orastxt.orastxtc[oraca.orastxt.orastxtl] = '\0';
    oraca.orasfnm.orasfnmc[oraca.orasfnm.orasfnml] = '\0';
    fprintf(fp_output,"\n%s\n", sqlca.sqlerrm.sqlerrmc);
    fprintf(fp_output,"in \"%s...\"\n", oraca.orastxt.orastxtc);
    fprintf(fp_output,"on line %d of %s.\n\n",
    oraca.oraslnr, oraca.orasfnm.orasfnmc);

EXEC SQL ROLLBACK;

EXEC SQL
UPDATE adm_objetos.GUIA_NIGHT_BATCH_QUEUE
SET ST_PROCESSO = 'OFF';

EXEC SQL COMMIT;

DesconectaBD();
exit(1);
}

/*****
/*          Move arquivo processado para diretorio especifico          */
*****/

void Move_Files()
{
    fprintf(fp_output,"Movendo arquivo %s para %s.\n", input_file_name, proc_input_file_name);
    if(rename(input_file_name,proc_input_file_name) == ERRO)
    {

```

```

    fprintf(fp_output,"errno = %d .\n",errno);

EXEC SQL
UPDATE adm_objetos.GUIA_NIGHT_BATCH_QUEUE
SET ST_PROCESSO = 'OFF';

EXEC SQL COMMIT;

    DesconectaBD();
    exit(1);
}

}

/*****
/*      Move arquivo c/ erro para diretorio especifico      */
*****/

void Move_Files_Erro()
{
    fprintf(fp_output,"Movendo arquivo %s para %s.\n", input_file_name, erro_input_file_name);
    if(rename(input_file_name,erro_input_file_name) == ERRO)
    {
        fprintf(fp_output,"errno = %d .\n",errno);

EXEC SQL
UPDATE adm_objetos.GUIA_NIGHT_BATCH_QUEUE
SET ST_PROCESSO = 'OFF';

EXEC SQL COMMIT;

    DesconectaBD();
    exit(1);
}

}

/*****
void Close_Input_Output_Files()
{
    fclose(fp_input);

}

*****/

char *mExtractFieldOcorrencias (const char *Line, char *Separator, int Ord, char *Field, int FieldSize)
{
    int N = 1, i, j;

    if (Ord < 1)
        Field[0] = 0;
    else {
        i = 0; while (N < Ord && Line[i] != '\n' && Line[i] != '\r' && Line[i] != 0) if (Line[i++] == *Separator) N++;
        j = i; while (Line[j] != *Separator && Line[j] != '\n' && Line[j] != '\r' && Line[j] != 0) j++;

```

```

if ((Line[j] == '\n') || (Line[j] == '\r') || (Line[j] == 0))
    EncFimLinha = 1;

    N = j - i; if (N >= FieldSize) N = FieldSize - 1;
    memcpy (Field, Line + i, N);
    Field[N] = '\0';
}

return Field;
}
/*****/
char *mExtractField (const char *Line, char *Separator, int Ord, char *Field, int FieldSize)
{
    int N = 1, i, j;

    if (Ord < 1)
        Field[0] = 0;
    else {
        i = 0; while (N < Ord && Line[i] != '\n' && Line[i] != '\r' && Line[i] != 0) if (Line[i++] == *Separator) N++;
        j = i; while (Line[j] != *Separator && Line[j] != '\n' && Line[j] != '\r' && Line[j] != 0) j++;

        N = j - i; if (N >= FieldSize) N = FieldSize - 1;
        memcpy (Field, Line + i, N);
        Field[N] = '\0';
    }

    return Field;
}
/*****/
char *mExtractFieldFloatOcorrencias (const char *Line, char *Separator, int Ord, char *Field, int FieldSize)
{
    int N = 1, i, j;

    if (Ord < 1)
        Field[0] = 0;
    else {
        i = 0;
        while (N < Ord && Line[i] != '\n' && Line[i] != '\r' && Line[i] != 0) if (Line[i++] == *Separator) N++;
        j = i; while (Line[j] != *Separator && Line[j] != '\n' && Line[j] != '\r' && Line[j] != 0) j++;

        if ((Line[j] == '\n') || (Line[j] == '\r') || (Line[j] == 0))
            EncFimLinha = 1;

        N = j - i; if (N >= FieldSize) N = FieldSize - 1;
        memcpy (Field, Line + i, N);
        Field[N] = 0;
    }

    i = 0;
    for(i = 0; i < strlen(Field); i++)
    {

```

```

    if (Field[i] == ',')
    {
        Field[i] = '.';
    }

}

return Field;
}
/*****/
char *mExtractFieldFloatLinha (const char *Line, char *Separator, int Ord, char *Field, int FieldSize)
{
    int N = 1, i, j;
    char Field2[5000];

    if (Ord < 1)
        Field[0] = 0;
    else {
        i = 0;
        while (N < Ord && Line[i] != '\n' && Line[i] != '\r' && Line[i] != 0 && Line[i] != ' ') if (Line[i++] == *Separator) N++;
        j = i; while (Line[j] != *Separator && Line[j] != '\n' && Line[j] != '\r' && Line[j] != 0 && Line[j] != ' ') j++;
        N = j - i; if (N >= FieldSize) N = FieldSize - 1;
        memcpy (Field, Line + i, N);
        Field[N] = 0;
    }

    i = 0;
    int y = 0;

    for(i = 0; i < strlen(Field); i++)
    {
        if (Field[i] == ',')
        {
            Field2[y] = '.';
            y++;
        }
        else
        {
            {
                if (Field[i] != '.')
                {
                    Field2[y] = Field[i];
                    y++;
                }
            }
        }

    }

    Field2[y] = '\0';

    strcpy(Field,Field2);

```

```

    return Field;
}
/**//*****/
/* Devolve a data/hora corrente */
/*****/
char *CurrentDateTime (char *DataHora,int formato)
{
    int dia,mes,ano,hora,minuto,segundo;
    struct tm *local;
    time_t t;
    t= time(NULL);
    local=localtime(&t);

    dia=local->tm_mday;
    mes=local->tm_mon+1;
    ano=local->tm_year+1900;
    hora=local->tm_hour;
    minuto=local->tm_min;
    segundo=local->tm_sec;

    if (formato == 1) {
        sprintf(DataHora,"%02lu/%02lu/%02lu %02d:%02d:%02d",dia,mes,ano,hora,minuto,segundo);
    }
    else {
        if (formato == 2)
        {
            sprintf(DataHora,"%04lu%02d%02d%02d%02d%02d",ano,mes,dia,hora,minuto,segundo);
        }
    }
    return DataHora;
}
/*****/
/*      Funcao verifica status do Pid da extracao no Unix      */
/*****/
int StatusProcUnixPid(int N)
{
    int w_ind_status_seq_unix_Pid;

    w_ind_status_seq_unix_Pid = CmdUnix ("-0",N);

    return w_ind_status_seq_unix_Pid;
}
/*****/
/*      Funcao verifica status do PID da extracao no Unix      */
/*****/
int CmdUnix (char *tipoParm, int numPid)
{
    int verPid      = numPid;
    char cmd_shell_unix [15]="";
    char *tipo_Parm_unix = tipoParm;
    int resCmd      = 0;

```



```

sprintf(cmd_shell_unix,"kill %s %d",tipo_Parm_unix,verPid);
resCmd = system(cmd_shell_unix);

printf("cmd: %s - Resulta: %d\n",cmd_shell_unix,resCmd);

return resCmd;

}
/*****/
void Get_Password()
{

char buf_aux[255];

sprintf(input_file_name,"/sistemas/INCORPORACAO/GUIA/LCK/%s", usuario);

if((fp_input=fopen(input_file_name,"r")) == NULL)
{
    fprintf(fp_output,"[%s] Erro na abertura do arquivo restrito de senha.\n",CurrentDateTime(DataHora,1));
    fprintf(fp_output,"[%s] errno = %d.\n", CurrentDateTime(DataHora,1),errno );
    exit(1);
}

fread(buf_aux, 1, sizeof(buf_aux), fp_input);

int i, j = 0;
for(i = 0; buf_aux[i] != '\n'; i++)
{
    cPassword[j] = buf_aux[i];

    j++;
}

}
/*****/
/* Devolve a palavra (Word) em S a partir da posicao Pos. */
/*****/
char *mNextWord (const char *S,int Pos, char *Word, int Tamanho)
{

int i, j = 0;
char result[4096]="";

for(i = Pos; i < Tamanho; i++)
{

    result[j] = S[i];

    j++;
}

```

```

memcpy (Word,result,strlen(result)+1);

return Word;

}
DEFIS_Carga_Dados.pc
/*****/
/* Objetivo   : Carregar Dados do DASN/DEFIS          */
/* Modulo     : DEFIS                                */
/*****/

/*****/
#include <stdio.h>
#include <stdlib.h>
#include <time.h>
#include <sys/types.h>
#include <sys/stat.h>
#include <string.h>
#include <dirent.h>
#include <limits.h>
#include <fcntl.h>
#include <errno.h>
#include <math.h>

/*****/
#include "sqlca.h"
#include "oraca.h"

EXEC ORACLE OPTION (ORACA=YES);
EXEC ORACLE OPTION (PREFETCH=60000);
/*****/
#define MAXFILENAME_SIZE 255
#define MAXPROGNAME_SIZE 50

/*****/
#define DATE_TIME_MASK "%Y/%m/%d %H:%M:%S"
#define DATE_MASK      "%Y/%m/%d"
#define TIME_MASK      "%H:%M:%S"
#define DATE_STR_MASK  "%Y%m"

#define ErroSQL sqlca.sqlcode
#define NRowsFetched sqlca.sqlerrd[2]
#define NoDataFound 1403

char *t_mask_ptr = TIME_MASK;
char *dt_mask_ptr = DATE_TIME_MASK;
char *dt_str_mask_ptr = DATE_STR_MASK;
/*
#define DT_MASK      givetime(dt_mask_ptr)
#define D_MASK       givetime(d_mask_ptr)

```

```

#define T_MASK      givemetime(t_mask_ptr)
#define DT_STR_MASK givemetime(dt_str_mask_ptr)
*/
/*****/

extern int errno;
char * uppern(char *, int);
char * givemetime(char *);
char log_file [MAXFILENAME_SIZE];
char prog_name[MAXPROGNAME_SIZE];
int formato      = 0;
char S           [4096];
char V           [4096];
char Line [4096];
char Separator[1] = "|";
int sq_arquivo   = 0;
int sq_atividade = 0;
int sq_filial    = 0;
int sq_ativ_rec  = 0;
char id_declaracao[15+1];
char id_apuracao[17+1];
char vDepurarDeclaracao[16];
char vDepurarTipoRegistro[10];
char cPassword    [50];
int  nu_periodo_apuracao;
char nu_estabelecimento[14+1];
char sql           [255];
int  Ord = 0;
char Field[4096];
int  FieldSize = 0;
int  Pos = 0;
int  ctl = 0;
char DataHora      [18];
int  nPesquisaArquivo = 0;
char vNomeArquivo  [255];
char cmdSolaris     [255];
int  resCmd         = 0;
int  nTipo          = 0;
int  nControleProcesso = 0;
char Status         [05];
char vAux           [03];
char vSubject       [255];
int  nEnviaEmailProblema = 0;
int  nEnviaEmailOcorrencia= 0;
int  EncFimLinha    = 0;
int  qt_limite_ultrapassados_pa=0;
char calcdigCnpj[14+1];
char cnpj[12+1];
int  cd_versao;
signed int proc_num_pid = 0;
char cStatus        [04];

```

```

int nEncCnpjRN = 0;
/*****/

void ProcessarIdentContribuinte (char *buf_aux);
char *CurrentDateTime (char *DataHora, int formato);
void GravarIdentArquivo (char *buf_aux);
void EnviarEmails();
void PreparaMensagemEmails();
void Move_Files_Erro();
void Move_Files();
void Close_Input_Output_Files();
char *CalculaDigitoCnpj (char *cnpj);
char *mExtractFieldFloatOcorrencias (const char *Line, char *Separator, int Ord, char *Field, int FieldSize);
char *mExtractFieldOcorrencias (const char *Line, char *Separator, int Ord, char *Field, int FieldSize);
char *mExtractFieldFloat (const char *Line, char *Separator, int Ord, char *Field, int FieldSize);
char *mExtractField (const char *Line, char *Separator, int Ord, char *Field, int FieldSize);
char *mExtractFieldFimLinha (const char *Line, char *Separator, int Ord, char *Field, int FieldSize);
void ProcessarRegistros();
void Get_Password();
/*****/

char prog_name[MAXPROGNAME_SIZE];

struct dirent *p = NULL;

char input_file_name [MAXFILENAME_SIZE];
char proc_input_file_name [MAXFILENAME_SIZE];
char erro_input_file_name [MAXFILENAME_SIZE];
char controle_file_name [MAXFILENAME_SIZE];
char log_file [MAXFILENAME_SIZE];
char prog_name [MAXPROGNAME_SIZE];
char file_email [MAXPROGNAME_SIZE];

#define ERRO -1
/*****/

FILE *fp_input = NULL;
FILE *fp_output = NULL;
FILE *fp_controle = NULL;
FILE *fp_problemas_email = NULL;
FILE *fp_ocorrencias_email = NULL;

/*****/
/* Informacoes sobre o arquivo de log */
/*****/

#define FILE_LOG 0
#define STDOUT_LOG 1
int log_mode = STDOUT_LOG | FILE_LOG;

/*****/
/* Variaveis globais */
/*****/

char *InstanciaBD;

```

```

char *usuario;
char *password;

/*****/
/*****/

int main(int argc, char *argv[])
{

#ifdef VERSAO_PRODUCAO
    char *log_dir    = "/sistemas/INCORPORACAO/SIMPLES_NACIONAL/DEFIS/LOG";
    char *in_file_dir = "/sistemas/INCORPORACAO/SIMPLES_NACIONAL/DEFIS/PENDENTE";
    char *base_file_dir = "/sistemas/INCORPORACAO/SIMPLES_NACIONAL/DEFIS/";

    InstanciaBD = "GENIPABU";
    usuario = "CARGA_DEFIS";
    password  = "carga";

#endif

#ifdef VERSAO_TESTE
    char *log_dir    = "/sistemas/INCORPORACAO/SIMPLES_NACIONAL/DEFIS/LOG";
    char *in_file_dir = "/sistemas/INCORPORACAO/SIMPLES_NACIONAL/DEFIS/PENDENTE";
    char *base_file_dir = "/sistemas/INCORPORACAO/SIMPLES_NACIONAL/DEFIS/";

    InstanciaBD = "GENIPABU";
    usuario = "CARGA_DEFIS";
    password  = "carga";

#endif

    time_t t_i = 0, t_f = 0, t_c = 0;
    DIR *dp;

    int i = 0;

    /* Abre arquivo de log e grava nele algumas linhas */
    Open_Log(argv[0], log_dir);

    if((dp = opendir(in_file_dir)) == NULL)
    {
        fprintf(stderr, "Falha na abertura do diretorio %s.\nErrno %d \n",
                in_file_dir, errno);
        exit(1);
    }

    Get_Password();

    /* Efetuando conexao com o banco */
    fprintf(fp_output, "%s - Efetuando conexao com o BD user: %s --> instancia:
%s\n", CurrentDateTime(DataHora, 1), usuario, InstanciaBD);

```

```

if(ConectaBD(usuario, cPassword, InstanciaBD) != 0)
{
    fprintf(fp_output,"%s - Erro ao tentar conexao com o banco de dados - sqlcode =
%d.\n",CurrentDateTime(DataHora,1),
        sqlca.sqlcode);
    exit(1);
}

fprintf(fp_output,"Conectado ao BD com sucesso.\n");

sprintf(sql, "ALTER SESSION SET NLS_DATE_FORMAT='YYYYMMDDHH24MISS'");

EXEC SQL EXECUTE IMMEDIATE :sql;

cStatus[0]    = '\0';

EXEC SQL
select NU_PID,ST_PROCESSO||chr(0)
into   :proc_num_pid,:cStatus
from   adm_objetos.DEFIS_NIGHT_BATCH_QUEUE;

if (strncmp(cStatus,"ON",2)==0)
{
    if (StatusProcUnixPid(proc_num_pid) ==0)
    {
        printf("Existe um processo em execucao!!!.\n");

        closedir(dp);

        DesconectaBD();

        exit(0);
    }
    else
    {
        proc_num_pid = getpid();

        EXEC SQL
        UPDATE adm_objetos.DEFIS_NIGHT_BATCH_QUEUE
        SET DT_ULT_EXECUCAO = SYSDATE,
            NU_PID          = :proc_num_pid;

        EXEC SQL COMMIT;
    }
}
else
{
    printf("cStatus: %s .\n",cStatus);

    if (strncmp(cStatus,"OFF",3)==0)
    {

```

```

proc_num_pid = getpid();

printf("Processo colocado em execucao - PID: %d .\n",proc_num_pid);

EXEC SQL
    UPDATE adm_objetos.DEFIS_NIGHT_BATCH_QUEUE
    SET DT_ULT_EXECUCAO = SYSDATE,
    ST_PROCESSO    = 'ON',
    NU_PID        = :proc_num_pid;

if (sqlca.sqlcode != 0)
{
    sql_error(sqlca.sqlerrm.sqlerrmc);
}

EXEC SQL COMMIT;
}
else
{
    printf("Status do processo em execucao não foi identificado - !!!.\n");
    exit(1);
}
}

while((p = readdir(dp)) != NULL)
{
    if((strcmp(p->d_name,"90-0000-PUB-DEFIS",17)==0))
    {
        sprintf(input_file_name,"%s/%s", in_file_dir, p->d_name);
        sprintf(proc_input_file_name,"%s/PROCESSADO/%s", base_file_dir, p->d_name);
        sprintf(erro_input_file_name,"%s/PROBLEMA/%s", base_file_dir, p->d_name);

        sprintf(vNomeArquivo,"%s",p->d_name);

        /* Procura arquivo na tabela */
        EXEC SQL
        SELECT COUNT(*)
        INTO   :nPesquisaArquivo
        FROM   adm_objetos.DEFIS_ARQUIVO_DIGITAL
        WHERE  NM_ARQUIVO = :vNomeArquivo;

        if (sqlca.sqlcode != 0)
        {
            sql_error(sqlca.sqlerrm.sqlerrmc);
        }

        if (nPesquisaArquivo > 0)
        {
            Move_Files_Erro();
            fprintf(fp_output,"%s - Arquivo duplicado : %s.\n",CurrentDateTime(DataHora,1),p->d_name);
            fprintf(fp_output,"%s - Arquivo movido p/ directorio erro : %s.\n",CurrentDateTime(DataHora,1),p->d_name);
        }
    }
}

```

```

    }
else
{
fprintf(fp_output,"=====
=====\\n");
    fprintf(fp_output,"Abrindo arquivo de entrada : %s.\\n", input_file_name);
    if ((fp_input=fopen(input_file_name,"r")) == NULL)
    {
        fprintf(fp_output,"Erro na abertura do arquivo de entrada %s.\\n",input_file_name);
        fprintf(fp_output,"errno = %d .\\n",errno);

        Move_Files_Erro();

EXEC SQL
UPDATE adm_objetos.DEFIS_NIGHT_BATCH_QUEUE
SET ST_PROCESSO = 'OFF';

EXEC SQL COMMIT;

        DesconectaBD();

        exit(1);
    }
else
    {
        fprintf(fp_output,"%s - Processando arquivo : %s.\\n",CurrentDateTime(DataHora,1),input_file_name);
        Processa_Arquivo(in_file_dir);
        Close_Input_Output_Files();
        Move_Files();
        EXEC SQL COMMIT;
    }
}
}
}

closedir(dp);

t_f = time(NULL);
t_c = t_f - t_i;

EXEC SQL COMMIT;

EXEC SQL
UPDATE adm_objetos.DEFIS_NIGHT_BATCH_QUEUE
SET ST_PROCESSO = 'OFF';

EXEC SQL COMMIT;

DesconectaBD();

sprintf(cmdsolaris,"gzip %s/PROCESSADO/*DEFIS*txt", base_file_dir);

```



```

resCmd = system(cmdsolaris);

sprintf(cmdsolaris,"gzip %s/PROCESSADO/*DEFIS*TXT", base_file_dir);

resCmd = system(cmdsolaris);

exit(0);
}

/*****
/*  Funo Gravar Informao Prestacao Servico Transporte */
*****/

void ProcessarInformPrestacaoServTransp (char *buf_aux)
{

char cd_uf_origem[2+1];
char cd_municipio[5+1];
double vl_frete = 0;

strcpy(cd_uf_origem,mExtractField(buf_aux,Separator,2,Field,FieldSize));
strcpy(cd_municipio,mExtractField(buf_aux,Separator,3,Field,FieldSize));
vl_frete      = atof(mExtractFieldFloat(buf_aux,Separator,4,Field,FieldSize));

EXEC SQL
INSERT INTO adm_objetos.DEFIS_D5370_PREST_SERV_TRANS
(
id_declaracao,
nu_estabelecimento,
cd_uf_origem,
cd_municipio,
vl_frete
)
VALUES (
:id_declaracao,
:nu_estabelecimento,
:cd_uf_origem,
:cd_municipio,
:vl_frete
);

if (sqlca.sqlcode != 0)
{
fprintf(fp_output,"%s - erro INSERT INTO
DEFIS_D5370_PREST_SERV_TRANS.\n",CurrentDateTime(DataHora,1));
sql_error(sqlca.sqlerrm.sqlerrmc);
}

}

/*****
/*  Funo Gravar Informao Rateio da Receita */
*****/

```

```

/*****/
void ProcessarInformRateioRecSefaz (char *buf_aux)
{

    int tp_rateio;
    char dc_rateio[50+1];
    char cd_uf[2+1];
    char cd_municipio[5+1];
    double vl_atribuido = 0;

    tp_rateio = atoi(mExtractField(buf_aux, Separator, 2, Field, FieldSize));
    strcpy(dc_rateio, mExtractField(buf_aux, Separator, 3, Field, FieldSize));
    strcpy(cd_uf, mExtractField(buf_aux, Separator, 4, Field, FieldSize));
    strcpy(cd_municipio, mExtractField(buf_aux, Separator, 5, Field, FieldSize));
    vl_atribuido = atof(mExtractFieldFloat(buf_aux, Separator, 6, Field, FieldSize));

    EXEC SQL
    INSERT INTO adm_objetos.DEFIS_D5367_RATEIO_REC_SEFAZ
    (
        id_declaracao,
        tp_rateio,
        dc_rateio,
        cd_uf,
        cd_municipio,
        vl_atribuido,
        nu_estabelecimento
    )
    VALUES (
        :id_declaracao,
        :tp_rateio,
        :dc_rateio,
        :cd_uf,
        :cd_municipio,
        :vl_atribuido,
        :nu_estabelecimento
    );

    if (sqlca.sqlcode != 0)
    {
        fprintf(fp_output, "%s - erro INSERT INTO DEFIS_D5367_RATEIO_REC_SEFAZ.\n", CurrentDateTime(DataHora, 1));
        sql_error(sqlca.sqlerrm.sqlerrmc);
    }

}

/*****/
/* Funo Gravar Informao Aquisicao de Mercadoria Contribuinte */
/*****/
void ProcessarInformAquiMerContrib (char *buf_aux)
{

```

```

char cd_uf[2+1];
char cd_municipio[5+1];
double vl_compra = 0;

strcpy(cd_uf, mExtractField(buf_aux, Separator, 2, Field, FieldSize));
strcpy(cd_municipio, mExtractField(buf_aux, Separator, 3, Field, FieldSize));
vl_compra = atof(mExtractFieldFloat(buf_aux, Separator, 4, Field, FieldSize));

```

```

EXEC SQL
INSERT INTO adm_objetos.DEFIS_D5366_AQUI_MER_CONTRIB
(
id_declaracao,
cd_uf,
cd_municipio,
vl_compra,
nu_estabelecimento
)
VALUES (
:id_declaracao,
:cd_uf,
:cd_municipio,
:vl_compra,
:nu_estabelecimento
);

if (sqlca.sqlcode != 0)
{
fprintf(fp_output,"%s - erro INSERT INTO DEFIS_D5366_AQUI_MER_CONTRIB.\n",CurrentDateTime(DataHora,1));
sql_error(sqlca.sqlerrm.sqlerrmc);
}

}

/*****
/* Funo Gravar Informao Aquisicao de Mercadorias */
*****/

void ProcessarInformAquisicaoMerRural (char *buf_aux)
{
char cd_uf[2+1];
char cd_municipio[5+1];
double vl_compra = 0;

strcpy(cd_uf, mExtractField(buf_aux, Separator, 2, Field, FieldSize));
strcpy(cd_municipio, mExtractField(buf_aux, Separator, 3, Field, FieldSize));
vl_compra = atof(mExtractFieldFloat(buf_aux, Separator, 4, Field, FieldSize));

```

```

EXEC SQL
INSERT INTO adm_objetos.DEFIS_D5365_AQUISICAO_MER_RURA
(
id_declaracao,
cd_uf,

```

```

cd_municipio,
vl_compra,
nu_estabelecimento
    )
VALUES (
:id_declaracao,
:cd_uf,
:cd_municipio,
:vl_compra,
:nu_estabelecimento
    );

    if (sqlca.sqlcode != 0)
    {
        fprintf(fp_output,"%s - erro INSERT INTO
DEFIS_D5365_AQUISICAO_MER_RURA.\n",CurrentDateTime(DataHora,1));
        sql_error(sqlca.sqlerrm.sqlerrmc);
    }

}

/*****
/*   Funo Gravar Informao Producao Rural */
*****/

void ProcessarInformProducaoRural (char *buf_aux)
{
    char cd_uf[2+1];
    char cd_municipio[5+1];
    double vl_venda = 0;

    strcpy(cd_uf, mExtractField(buf_aux, Separator, 2, Field, FieldSize));
    strcpy(cd_municipio, mExtractField(buf_aux, Separator, 3, Field, FieldSize));
    vl_venda = atof(mExtractFieldFloat(buf_aux, Separator, 4, Field,FieldSize));

    EXEC SQL
    INSERT INTO adm_objetos.DEFIS_D5364_PRODUCAO_RURAL
    (
    id_declaracao,
    cd_uf,
    cd_municipio,
    vl_venda,
    nu_estabelecimento
    )
    VALUES (
    :id_declaracao,
    :cd_uf,
    :cd_municipio,
    :vl_venda,
    :nu_estabelecimento
    );

    if (sqlca.sqlcode != 0)

```

```

{
    fprintf(fp_output,"%s - erro INSERT INTO DEFIS_D5364_PRODUCAO_RURAL.\n",CurrentDateTime(DataHora,1));
    sql_error(sqlca.sqlerrm.sqlerrmc);
}

}

/*****/
/*    Funo Gravar Informao Refeicoes dos outro Municipios */
/*****/

void ProcessarInformRefeicoesMunicipioD5363 (char *buf_aux)
{
    char cd_uf[2+1];
    char cd_municipio[5+1];
    double vl_venda = 0;

    strcpy(cd_uf, mExtractField(buf_aux, Separator, 2, Field, FieldSize));
    strcpy(cd_municipio, mExtractField(buf_aux, Separator, 3, Field, FieldSize));
    vl_venda = atof(mExtractFieldFloat(buf_aux, Separator, 4, Field,FieldSize));

    EXEC SQL
    INSERT INTO adm_objetos.DEFIS_D5363_REFEIC_MUNICIPIO
    (
        id_declaracao,
        cd_uf,
        cd_municipio,
        vl_venda,
        nu_estabelecimento
    )
    VALUES (
        :id_declaracao,
        :cd_uf,
        :cd_municipio,
        :vl_venda,
        :nu_estabelecimento
    );

    if (sqlca.sqlcode != 0)
    {
        fprintf(fp_output,"%s - erro INSERT INTO DEFIS_D5363_REFEIC_MUNICIPIO.\n",CurrentDateTime(DataHora,1));
        sql_error(sqlca.sqlerrm.sqlerrmc);
    }

}

/*****/
/*    Funo Gravar Informao Revendedores Ambulantes */
/*****/

void ProcessarInformRevenAmbAuto (char *buf_aux)
{
    char cd_uf[2+1];
    char cd_municipio[5+1];
    double vl_venda = 0;

```

```
strcpy(cd_uf, mExtractField(buf_aux, Separator, 2, Field, FieldSize));
strcpy(cd_municipio, mExtractField(buf_aux, Separator, 3, Field, FieldSize));
vl_venda = atof(mExtractFieldFloat(buf_aux, Separator, 4, Field, FieldSize));
```

```
EXEC SQL
INSERT INTO adm_objetos.DEFIS_D5362_REVEN_AMB_AUTO
(
id_declaracao,
cd_uf,
cd_municipio,
vl_venda,
nu_estabelecimento
)
VALUES (
:id_declaracao,
:cd_uf,
:cd_municipio,
:vl_venda,
:nu_estabelecimento
);
```

```
if (sqlca.sqlcode != 0)
{
fprintf(fp_output, "%s - erro INSERT INTO DEFIS_D5362_REVEN_AMB_AUTO.\n", CurrentDateTime(DataHora, 1));
sql_error(sqlca.sqlerrm.sqlerrmc);
}
```

```
}
/*****
/* Funo Gravar Informao Opcionais */
*****/
void ProcessarInformOpcionais (char *buf_aux)
{
```

```
double vl_saida_trans_merc = 0;
double vl_auto_infracao_pago = 0;
```

```
vl_saida_trans_merc = atof(mExtractFieldFloat(buf_aux, Separator, 2, Field, FieldSize));
vl_auto_infracao_pago = atof(mExtractFieldFloat(buf_aux, Separator, 3, Field, FieldSize));
```

```
EXEC SQL
INSERT INTO adm_objetos.DEFIS_D5361_INFO_OPCIONAIS
(
id_declaracao,
nu_estabelecimento,
vl_saida_trans_merc,
vl_auto_infracao_pago
```

```

    )
VALUES (
:id_declaracao,
:nu_estabelecimento,
:vl_saida_trans_merc,
:vl_auto_infracao_pago
);

if (sqlca.sqlcode != 0)
{
fprintf(fp_output,"%s - erro INSERT INTO DEFIS_D5361_INFO_OPCIONAIS.\n",CurrentDateTime(DataHora,1));
sql_error(sqlca.sqlerrm.sqlerrmc);
}

}

/*****
/* Função Gravar Informao Mudanca de Endereco */
*****/

void ProcessarInformMudancaEndereco (char *buf_aux)
{

char uf_origem[2+1];
char cd_municipio_origem[5+1];
char uf_destino[2+1];
char cd_municipio_destino[5+1];
char dt_mudanca[8+1];

strcpy(uf_origem, mExtractField(buf_aux, Separator, 2, Field, FieldSize));
strcpy(cd_municipio_origem, mExtractField(buf_aux, Separator, 3, Field, FieldSize));
strcpy(uf_destino, mExtractField(buf_aux, Separator, 4, Field, FieldSize));
strcpy(cd_municipio_destino, mExtractField(buf_aux, Separator, 5, Field, FieldSize));
strcpy(dt_mudanca, mExtractFieldFimLinha(buf_aux, Separator, 6, Field, FieldSize));

EXEC SQL
INSERT INTO adm_objetos.DEFIS_D5360_MUDANCA_ENDERECO
(
id_declaracao,
nu_estabelecimento,
uf_origem,
cd_municipio_origem,
uf_destino,
cd_municipio_destino,
dt_mudanca

)
VALUES (
:id_declaracao,
:nu_estabelecimento,
:uf_origem,
:cd_municipio_origem,
:uf_destino,

```

```

:cd_municipio_destino,
:dt_mudanca
);

if (sqlca.sqlcode != 0)
{
    fprintf(fp_output,"%s - erro INSERT INTO
DEFIS_D5360_MUDANCA_ENDERECO.\n",CurrentDateTime(DataHora,1));
    sql_error(sqlca.sqlerrm.sqlerrmc);
}

}

/*****
/*    Funo Gravar Informao Rateio de Receita SEFAZ */
*****/

void ProcessarInformRateioReceitaSEFAZ (char *buf_aux)
{

int  tp_rateio;
char  dc_rateio_receita[50+1];
char  cd_uf_rateio[2+1];
char  cd_municipio[5+1];
double vl_atribuido = 0;

tp_rateio  = atol(mExtractField(buf_aux,Separator,2,Field,FieldSize));
strcpy(dc_rateio_receita,mExtractField(buf_aux,Separator,3,Field,FieldSize));
strcpy(cd_uf_rateio,mExtractField(buf_aux,Separator,4,Field,FieldSize));
strcpy(cd_municipio,mExtractField(buf_aux,Separator,5,Field,FieldSize));
vl_atribuido = atof(mExtractFieldFloat(buf_aux,Separator,6,Field,FieldSize));

EXEC SQL
INSERT INTO adm_objetos.DEFIS_D5357_RATEIO_REC_SEFAZ
(
id_declaracao,
nu_estabelecimento,
tp_rateio,
dc_rateio_receita,
cd_uf_rateio,
cd_municipio,
vl_atribuido
)
VALUES (
:id_declaracao,
:nu_estabelecimento,
:tp_rateio,
:dc_rateio_receita,
:cd_uf_rateio,
:cd_municipio,
:vl_atribuido
);

```



```

    if (sqlca.sqlcode != 0)
    {
        fprintf(fp_output,"%s - erro INSERT INTO DEFIS_D5357_RATEIO_REC_SEFAZ - id_declaracao: %s - tp_rateio: %d
- dc_rateio_receita: %s - cd_uf_rateio: %s - cd_municipio: %s - vl_atribuido:
%.2f.\n",CurrentDateTime(DataHora,1),id_declaracao,tp_rateio,dc_rateio_receita,cd_uf_rateio,cd_municipio,vl_atribui
do);
        sql_error(sqlca.sqlerrm.sqlerrmc);
    }

}

/*****
/*   Funo Gravar Informa?o Rateio de Receita */
*****/

void ProcessarInformRateioReceita (char *buf_aux)
{

    int tp_rateio;
    char dc_rateio_receita[100+1];
    char cd_uf_rateio[2+1];
    char cd_municipio[5+1];
    double vl_atribuido = 0;

    tp_rateio  = atol(mExtractField(buf_aux,Separator,2,Field,FieldSize));
    strcpy(dc_rateio_receita,mExtractField(buf_aux,Separator,3,Field,FieldSize));
    strcpy(cd_uf_rateio,mExtractField(buf_aux,Separator,4,Field,FieldSize));
    strcpy(cd_municipio,mExtractField(buf_aux,Separator,5,Field,FieldSize));
    vl_atribuido =  atof(mExtractFieldFloat(buf_aux,Separator,6,Field,FieldSize));

    EXEC SQL
    INSERT INTO adm_objetos.DEFIS_d5014_rat_receita_sefaz
    (
    id_declaracao,
    tp_rateio,
    dc_rateio_receita,
    cd_uf_rateio,
    cd_municipio,
    vl_atribuido,
    nu_estabelecimento
    )
    VALUES (
    :id_declaracao,
    :tp_rateio,
    :dc_rateio_receita,
    :cd_uf_rateio,
    :cd_municipio,
    :vl_atribuido,
    :nu_estabelecimento
    );

    if (sqlca.sqlcode != 0)
    {

```

```

fprintf(fp_output,"%s - erro INSERT INTO DEFIS_d5014_rat_receita_sefaz .\n",CurrentDateTime(DataHora,1));
sql_error(sqlca.sqlerrm.sqlerrmc);
}

}

/*****
/*   Funo Gravar Informao Aquisicao Mercadoria Contrib. Dispensados de Inscricao */
*****/

void ProcessarInformAquisicaoMercContribDispensados (char *buf_aux)
{

char sg_uf_origem[2+1];
char cd_municipio_origem[5+1];
double vl_compra = 0;

strcpy(sg_uf_origem,mExtractField(buf_aux,Separator,2,Field,FieldSize));
strcpy(cd_municipio_origem,mExtractField(buf_aux,Separator,3,Field,FieldSize));
vl_compra      = atof(mExtractFieldFloat(buf_aux,Separator,4,Field,FieldSize));

EXEC SQL
INSERT INTO adm_objetos.DEFIS_D5356_MERC_CONTRIB_DISP
(
id_declaracao,
nu_estabelecimento,
    sg_uf_origem,
    cd_municipio_origem,
    vl_compra
)
VALUES (
:id_declaracao,
:nu_estabelecimento,
    :sg_uf_origem,
    :cd_municipio_origem,
    :vl_compra
);

if (sqlca.sqlcode != 0)
{
fprintf(fp_output,"%s - erro INSERT INTO
DEFIS_D5356_MERC_CONTRIB_DISP.\n",CurrentDateTime(DataHora,1));
sql_error(sqlca.sqlerrm.sqlerrmc);
}

}

/*****
/*   Funo Gravar Informao Aquisicao Mercadoria Rural */
*****/

void ProcessarInformAquisicaoMercRural (char *buf_aux)
{

```

```

char sg_uf_origem[2+1];
char cd_municipio_origem[5+1];
double vl_compra = 0;

strcpy(sg_uf_origem,mExtractField(buf_aux,Separator,2,Field,FieldSize));
strcpy(cd_municipio_origem,mExtractField(buf_aux,Separator,3,Field,FieldSize));
vl_compra      = atof(mExtractFieldFloat(buf_aux,Separator,4,Field,FieldSize));

```

```

EXEC SQL
INSERT INTO adm_objetos.DEFIS_D5355_AQUIS_MERC_RURAL
(
id_declaracao,
nu_estabelecimento,
    sg_uf_origem,
    cd_municipio_origem,
    vl_compra
)
VALUES (
:id_declaracao,
:nu_estabelecimento,
    :sg_uf_origem,
    :cd_municipio_origem,
    :vl_compra
);

```

```

if (sqlca.sqlcode != 0)
{
    fprintf(fp_output,"%s - erro INSERT INTO
DEFIS_D5355_AQUIS_MERC_RURAL.\n",CurrentDateTime(DataHora,1));
    sql_error(sqlca.sqlerrm.sqlerrmc);
}

```

```

}
/*****
/*   Funo Gravar Informao Produtor Rural   */
*****/

void ProcessarInformProdutorRural (char *buf_aux)
{
char cd_uf_producao[2+1];
char cd_municipio[5+1];
double vl_venda = 0;

```

```

strcpy(cd_uf_producao,mExtractField(buf_aux,Separator,2,Field,FieldSize));
strcpy(cd_municipio,mExtractField(buf_aux,Separator,3,Field,FieldSize));
vl_venda      = atof(mExtractFieldFloat(buf_aux,Separator,4,Field,FieldSize));

```

```

EXEC SQL
INSERT INTO adm_objetos.DEFIS_D5354_PRODUTOR_RURAL
(
id_declaracao,
nu_estabelecimento,

```

```

cd_uf_producao,
    cd_municipio,
    vl_venda
)
VALUES (
:id_declaracao,
:nu_estabelecimento,
:cd_uf_producao,
    :cd_municipio,
    :vl_venda
);

if (sqlca.sqlcode != 0)
{
fprintf(fp_output,"%s - erro INSERT INTO DEFIS_D5354_PRODUTOR_RURAL.\n",CurrentDateTime(DataHora,1));
sql_error(sqlca.sqlerrm.sqlerrmc);
}

}

/*****
/*    Funo Gravar Informao Refeicoes Municipio    */
*****/

void ProcessarInformRefeicoesMunicipioD5353 (char *buf_aux)
{
char cd_uf_refeicao[2+1];
char cd_municipio[5+1];
double vl_venda = 0;

strcpy(cd_uf_refeicao,mExtractField(buf_aux,Separator,2,Field,FieldSize));
strcpy(cd_municipio,mExtractField(buf_aux,Separator,3,Field,FieldSize));
vl_venda      = atof(mExtractFieldFloat(buf_aux,Separator,4,Field,FieldSize));

EXEC SQL
INSERT INTO adm_objetos.DEFIS_D5353_REFEIC_MUNICIPIO
(
id_declaracao,
nu_estabelecimento,
cd_uf_refeicao,
    cd_municipio,
    vl_venda
)
VALUES (
:id_declaracao,
:nu_estabelecimento,
:cd_uf_refeicao,
    :cd_municipio,
    :vl_venda
);

if (sqlca.sqlcode != 0)
{

```

```

fprintf(fp_output,"%s - erro INSERT INTO DEFIS_D5353_REFEIC_MUNICIPIO.\n",CurrentDateTime(DataHora,1));
sql_error(sqlca.sqlerrm.sqlerrmc);
}

}

/*****/
/*  Funo Gravar Informao Revendedor Ambulante Autonomo  */
/*****/

void ProcessarInformRevAmbAutonomo (char *buf_aux)
{

char cd_uf_venda[2+1];
char cd_municipio[5+1];
double vl_venda = 0;

strcpy(cd_uf_venda,mExtractField(buf_aux,Separator,2,Field,FieldSize));
strcpy(cd_municipio,mExtractField(buf_aux,Separator,3,Field,FieldSize));
vl_venda      = atof(mExtractFieldFloat(buf_aux,Separator,4,Field,FieldSize));

EXEC SQL
INSERT INTO adm_objetos.DEFIS_D5352_REV_AMB_AUTONOMO
(
id_declaracao,
nu_estabelecimento,
cd_uf_venda,
    cd_municipio,
    vl_venda
)
VALUES (
:id_declaracao,
:nu_estabelecimento,
:cd_uf_venda,
    :cd_municipio,
    :vl_venda
);

if (sqlca.sqlcode != 0)
{
fprintf(fp_output,"%s - erro INSERT INTO
DEFIS_D5352_REV_AMB_AUTONOMO.\n",CurrentDateTime(DataHora,1));
sql_error(sqlca.sqlerrm.sqlerrmc);
}

}

/*****/
/*  Funo Gravar Informaes Opcionais da Empresa  */
/*****/

void ProcessarInformOpcionaisEmpresa (char *buf_aux)
{

double vl_saida_transf_mercadoria = 0;

```

```

double vl_auto_infracao_pago = 0;

vl_saida_transf_mercadoria = atof(mExtractFieldFloat(buf_aux, Separator, 2, Field, FieldSize));
vl_auto_infracao_pago      = atof(mExtractFieldFloat(buf_aux, Separator, 3, Field, FieldSize));

EXEC SQL
INSERT INTO adm_objetos.DEFIS_D5350_INFO_OPC_EMPRESA
(
id_declaracao,
nu_estabelecimento,
    vl_saida_transf_mercadoria,
    vl_auto_infracao_pago
)
VALUES (
:id_declaracao,
:nu_estabelecimento,
    :vl_saida_transf_mercadoria,
    :vl_auto_infracao_pago
);

if (sqlca.sqlcode != 0)
{
    fprintf(fp_output, "%s - erro INSERT INTO
DEFIS_D5350_INFO_OPC_EMPRESA.\n", CurrentDateTime(DataHora, 1));
    sql_error(sqlca.sqlerrm.sqlerrmc);
}

}

/*****
/*  Funo Gravar Informao Prestacao de Servico de Comunicacao  */
*****/

void ProcessarInformPrestServComunic (char *buf_aux)
{

char sg_uf[2+1];
char cd_municipio[5+1];
double vl_servico = 0;

strcpy(sg_uf, mExtractField(buf_aux, Separator, 2, Field, FieldSize));
strcpy(cd_municipio, mExtractField(buf_aux, Separator, 3, Field, FieldSize));
vl_servico      = atof(mExtractFieldFloat(buf_aux, Separator, 4, Field, FieldSize));

EXEC SQL
INSERT INTO adm_objetos.DEFIS_D5330_PREST_SERV_COMUNIC
(
id_declaracao,
nu_estabelecimento,
sg_uf,
cd_municipio,
vl_servico
)

```

```

VALUES (
:id_declaracao,
:nu_estabelecimento,
:sg_uf,
:cd_municipio,
:vl_servico
);

if (sqlca.sqlcode != 0)
{
fprintf(fp_output,"%s - erro INSERT INTO
DEFIS_D5330_PREST_SERV_COMUNIC.\n",CurrentDateTime(DataHora,1));
sql_error(sqlca.sqlerrm.sqlerrmc);
}

}
/*****
/* Funo Gravar Informao Iss Retido na Fonte */
*****/

void ProcessarInformIssRetidoNaFonte (char *buf_aux)
{

double vl_retido_fonte = 0;
char sg_uf[2+1];
char cd_municipio[5+1];
char nm_municipio[50+1];

vl_retido_fonte = atof(mExtractFieldFloat(buf_aux,Separator,2,Field,FieldSize));
strcpy(sg_uf,mExtractField(buf_aux,Separator,3,Field,FieldSize));
strcpy(cd_municipio,mExtractFieldFimLinha(buf_aux,Separator,4,Field,FieldSize));

EXEC SQL
INSERT INTO adm_objetos.DEFIS_d5320_iss_ret_fonte
(
id_declaracao,
nu_estabelecimento,
vl_retido_fonte,
sg_uf,
cd_municipio
)
VALUES (
:id_declaracao,
:nu_estabelecimento,
:vl_retido_fonte,
:sg_uf,
:cd_municipio
);

if (sqlca.sqlcode != 0)
{
fprintf(fp_output,"%s - erro INSERT INTO DEFIS_d5320_iss_ret_fonte.\n",CurrentDateTime(DataHora,1));

```

```

    sql_error(sqlca.sqlerrm.sqlerrmc);
}

}

/*****/
/* Funo Gravar Informao Operacoes Interestaduais por UF */
/*****/

void ProcessarInformOperInterestadual (char *buf_aux)
{

    int tp_oper_interestadual;
    char sg_uf_origem[2+1];
    double vl_total = 0;

    tp_oper_interestadual = atoi(mExtractField(buf_aux,Separator,2,Field,FieldSize));
    strcpy(sg_uf_origem,mExtractField(buf_aux,Separator,3,Field,FieldSize));
    vl_total = atof(mExtractFieldFloat(buf_aux,Separator,4,Field,FieldSize));

    EXEC SQL
    INSERT INTO adm_objetos.DEFIS_d5310_oper_interestadual
    (
    id_declaracao,
    nu_estabelecimento,
    tp_oper_interestadual,
    sg_uf_origem,
    vl_total
    )
    VALUES (
    :id_declaracao,
    :nu_estabelecimento,
    :tp_oper_interestadual,
    :sg_uf_origem,
    :vl_total
    );
    if (sqlca.sqlcode != 0)
    {
        fprintf(fp_output,"%s - erro INSERT INTO DEFIS_d5310_oper_interestadual.\n",CurrentDateTime(DataHora,1));
        sql_error(sqlca.sqlerrm.sqlerrmc);
    }

}

/*****/
/* Calcula o Dgito de Controle do CNPJ */
/*****/

char *CalculaDigitoCnpj (char *cnpj)
{
    int num = 2; /* int num = 2 */
    int prod = 0;
    int i = 0;
    int dig = 0;
    int auxnum = 0;

```



```

int  nauxcpf = 0;
char auxcpf[1];

for(i = 11; i >= 0; i--)
{
    auxcpf[0] = cnpj[i];

    nauxcpf = atol(auxcpf);

    prod = prod + num * nauxcpf;

num = num + 1;

    if (num == 10)
        num = 2;

}

prod = prod % 11;

if (prod < 2)
    dig = 0;
else
    dig = 11 - prod;

sprintf(calcdigcnpj,"%s%d",cnpj,dig);

num = 2;
prod = 0;
dig = 0;

for(i = 12; i >= 0; i--)
{
    auxcpf[0] = calcdigcnpj[i];
    nauxcpf = atol(auxcpf);

    prod = prod + num * nauxcpf;

num = num + 1;

auxnum = num % 10;

if (auxnum == 0)
    num = 2;

}

prod = prod % 11;
if (prod < 2)
    dig = 0;
else

```

```

        dig = 11 - prod;

        sprintf(calcdigcnpj,"%s%d",calcdigcnpj,dig);

        return calcdigcnpj;

}

/*****
/*   Funo Gravar Informao Detalhamento por Estabelecimento   */
*****/
void ProcessarInformDetalheEstabelec (char *buf_aux)
{

char  nNucleoCNPJ[8+1];
char  nFilialCNPJ[4+1];

int  fg_matriz_filial;
double vl_estoque_inicial = 0;
double vl_estoque_final = 0;
double vl_saldo_cx_banco_inicial = 0;
double vl_saldo_cx_banco_final = 0;
double vl_tot_entradas = 0;
double vl_tot_aquis_merc_com_ind = 0;
double vl_tot_entradas_transf = 0;
double vl_tot_devolucao_vendas = 0;
double vl_tot_saidas_transf = 0;
double vl_tot_devolucao_compras = 0;
double vl_tot_despesas = 0;
double vl_tot_aquis_merc_com_ind_int = 0;
double vl_tot_aquis_merc_com_ind_ext = 0;
char  cd_uf_enderecado[2+1];
char  cd_municipio_enderecado[5+1];
char  nm_municipio_enderecado[100+1];
int nLength = 0;

nLength = strlen(mExtractField(buf_aux,Separator,2,Field,FieldSize));

if (nLength > 4)
{
    strcpy(nu_estabelecimento,mExtractField(buf_aux,Separator,2,Field,FieldSize));
}
else
{
    calcdigcnpj[0]='\0';

    strcpy(nFilialCNPJ,mExtractField(buf_aux,Separator,2,Field,FieldSize));

    int i=0;
    int y=0;
    for(i = 1; i < 9; i++)

```

```

{
    cnpj[y] = id_declaracao[y];
    y++;
}

i = 0;

for(i = 1; i < 5; i++)
{
    cnpj[y] = nFilialCNPJ[i-1];
    y++;
}
strncpy(calcdigcnpj, CalculaDigitoCnpj(cnpj), 15);

    strncpy(nu_estabelecimento, calcdigcnpj, 14);
}

fg_matriz_filial      = atol(mExtractField(buf_aux, Separator, 3, Field, FieldSize));
vl_estoque_inicial    = atof(mExtractFieldFloat(buf_aux, Separator, 4, Field, FieldSize));
vl_estoque_final      = atof(mExtractFieldFloat(buf_aux, Separator, 5, Field, FieldSize));
vl_saldo_cx_banco_inicial = atof(mExtractFieldFloat(buf_aux, Separator, 6, Field, FieldSize));
vl_saldo_cx_banco_final  = atof(mExtractFieldFloat(buf_aux, Separator, 7, Field, FieldSize));
vl_tot_entradas        = atof(mExtractFieldFloat(buf_aux, Separator, 8, Field, FieldSize));
vl_tot_aquis_merc_com_ind = atof(mExtractFieldFloat(buf_aux, Separator, 9, Field, FieldSize));

    if (cd_versao >= 110)
    {
        vl_tot_aquis_merc_com_ind_int = atof(mExtractFieldFloat(buf_aux, Separator, 10, Field, FieldSize));
        vl_tot_aquis_merc_com_ind_ext = atof(mExtractFieldFloat(buf_aux, Separator, 11, Field, FieldSize));
        vl_tot_entradas_transf        = atof(mExtractFieldFloat(buf_aux, Separator, 12, Field, FieldSize));
        vl_tot_devolucao_vendas        = atof(mExtractFieldFloat(buf_aux, Separator, 13, Field, FieldSize));
        vl_tot_saidas_transf           = atof(mExtractFieldFloat(buf_aux, Separator, 14, Field, FieldSize));
        vl_tot_devolucao_compras        = atof(mExtractFieldFloat(buf_aux, Separator, 15, Field, FieldSize));
        vl_tot_despesas                 = atof(mExtractFieldFloat(buf_aux, Separator, 16, Field, FieldSize));
        strcpy(cd_uf_endereco, mExtractField(buf_aux, Separator, 17, Field, FieldSize));
        strcpy(cd_municipio_endereco, mExtractField(buf_aux, Separator, 18, Field, FieldSize));

        strcpy(nm_municipio_endereco, mExtractFieldFimLinha(buf_aux, Separator, 19, Field, FieldSize));

    }
    else
    {
        vl_tot_entradas_transf = atof(mExtractFieldFloat(buf_aux, Separator, 10, Field, FieldSize));
        vl_tot_devolucao_vendas = atof(mExtractFieldFloat(buf_aux, Separator, 11, Field, FieldSize));
        vl_tot_saidas_transf    = atof(mExtractFieldFloat(buf_aux, Separator, 12, Field, FieldSize));
        vl_tot_devolucao_compras = atof(mExtractFieldFloat(buf_aux, Separator, 13, Field, FieldSize));
        vl_tot_despesas          = atof(mExtractFieldFloat(buf_aux, Separator, 14, Field, FieldSize));
        strcpy(cd_uf_endereco, mExtractField(buf_aux, Separator, 15, Field, FieldSize));
        strcpy(cd_municipio_endereco, mExtractField(buf_aux, Separator, 16, Field, FieldSize));

        strcpy(nm_municipio_endereco, mExtractFieldFimLinha(buf_aux, Separator, 17, Field, FieldSize));
    }
}

```

```
}
```

EXEC SQL

INSERT INTO adm\_objetos.DEFIS\_D5300\_DET\_ESTABELECIM

```
(  
id_declaracao,  
nu_estabelecimento,  
fg_matriz_filial,  
vl_estoque_inicial,  
vl_estoque_final,  
vl_saldo_cx_banco_inicial,  
vl_saldo_cx_banco_final,  
vl_tot_entradas,  
vl_tot_aquis_merc_com_ind,  
  
    vl_tot_aquis_merc_com_ind_int,  
    vl_tot_aquis_merc_com_ind_ext,
```

```
  
vl_tot_entradas_transf,  
vl_tot_devolucao_vendas,  
vl_tot_saidas_transf,  
vl_tot_devolucao_compras,  
vl_tot_despesas,  
cd_uf_enderecoado,  
    cd_municipio_enderecoado,  
    nm_municipio_enderecoado  
)
```

VALUES (

```
:id_declaracao,  
:nu_estabelecimento,  
:fg_matriz_filial,  
:vl_estoque_inicial,  
:vl_estoque_final,  
:vl_saldo_cx_banco_inicial,  
:vl_saldo_cx_banco_final,  
:vl_tot_entradas,  
:vl_tot_aquis_merc_com_ind,  
  
    :vl_tot_aquis_merc_com_ind_int,  
    :vl_tot_aquis_merc_com_ind_ext,
```

```
  
:vl_tot_entradas_transf,  
:vl_tot_devolucao_vendas,  
:vl_tot_saidas_transf,  
:vl_tot_devolucao_compras,  
:vl_tot_despesas,  
:cd_uf_enderecoado,  
    :cd_municipio_enderecoado,  
    :nm_municipio_enderecoado  
);
```

```

if (sqlca.sqlcode != 0)
{
fprintf(fp_output,"%s - erro INSERT INTO DEFIS_D5300_DET_ESTABELECEIM.\n",CurrentDateTime(DataHora,1));
fprintf(fp_output,"id_declaracao: %s.\n", id_declaracao);
fprintf(fp_output,"nu_estabelecimento: %s.\n", nu_estabelecimento);
fprintf(fp_output,"fg_matriz_filial: %d.\n", fg_matriz_filial);
fprintf(fp_output,"vl_estoque_inicial: %f.\n", vl_estoque_inicial);
fprintf(fp_output,"vl_estoque_final: %f.\n", vl_estoque_final);
fprintf(fp_output,"vl_saldo_cx_banco_inicial: %f.\n", vl_saldo_cx_banco_inicial);
fprintf(fp_output,"vl_saldo_cx_banco_final: %f.\n", vl_saldo_cx_banco_final);
fprintf(fp_output,"vl_tot_entradas: %f.\n", vl_tot_entradas);
fprintf(fp_output,"vl_tot_aquis_merc_com_ind: %f.\n", vl_tot_aquis_merc_com_ind);

fprintf(fp_output,"vl_tot_aquis_merc_com_ind_int: %f.\n", vl_tot_aquis_merc_com_ind_int);
fprintf(fp_output,"vl_tot_aquis_merc_com_ind_ext: %f.\n", vl_tot_aquis_merc_com_ind_ext);

fprintf(fp_output,"vl_tot_entradas_transf: %f.\n", vl_tot_entradas_transf);
fprintf(fp_output,"vl_tot_devolucao_vendas: %f.\n", vl_tot_devolucao_vendas);
fprintf(fp_output,"vl_tot_saidas_transf: %f.\n", vl_tot_saidas_transf);
fprintf(fp_output,"vl_tot_devolucao_compras: %f.\n", vl_tot_devolucao_compras);
fprintf(fp_output,"vl_tot_despesas: %f.\n", vl_tot_despesas);
fprintf(fp_output,"cd_uf_enderecado: %s.\n", cd_uf_enderecado);
fprintf(fp_output,"cd_municipio_enderecado: %s.\n", cd_municipio_enderecado);
fprintf(fp_output,"nm_municipio_enderecado: %s.\n", nm_municipio_enderecado);

sql_error(sqlca.sqlerrm.sqlerrmc);
}

}

/*****
/*   Funo Gravar Informao Rendimento dos Scios   */
*****/

void ProcessarInformRendSocio (char *buf_aux)
{

char cd_cpf_socio_titular[11+1];
char nm_socio[60+1];
double vl_rend_isen_pg_socio = 0;
double vl_rend_trib_pg_socio = 0;
double pc_participacao_socio = 0;
double vl_ir_retido = 0;

strcpy(cd_cpf_socio_titular,mExtractField(buf_aux,Separator,2,Field,FieldSize));
strcpy(nm_socio,mExtractField(buf_aux,Separator,3,Field,FieldSize));
vl_rend_isen_pg_socio      = atof(mExtractFieldFloat(buf_aux,Separator,4,Field,FieldSize));
vl_rend_trib_pg_socio     = atof(mExtractFieldFloat(buf_aux,Separator,5,Field,FieldSize));
pc_participacao_socio     = atof(mExtractFieldFloat(buf_aux,Separator,6,Field,FieldSize));
vl_ir_retido              = atof(mExtractFieldFloat(buf_aux,Separator,7,Field,FieldSize));

```

EXEC SQL

```

INSERT INTO adm_objetos.DEFIS_d5200_iden_rend_socio
(
id_declaracao,
cd_cpf_socio_titular,
nm_socio,
vl_rend_isen_pg_socio,
vl_rend_trib_pg_socio,
pc_participacao_socio,
vl_ir_retido
)
VALUES (
:id_declaracao,
:cd_cpf_socio_titular,
:nm_socio,
:vl_rend_isen_pg_socio,
:vl_rend_trib_pg_socio,
:pc_participacao_socio,
:vl_ir_retido
);

if (sqlca.sqlcode != 0)
{
fprintf(fp_output,"%s - erro INSERT INTO DEFIS_d5200_iden_rend_socio.\n",CurrentDateTime(DataHora,1));
sql_error(sqlca.sqlerrm.sqlerrmc);
}

}

/*****
/*   Funo Gravar Informao Receita Comer Exportacao   */
*****/

void ProcessarInformReceitaComerExportacao (char *buf_aux)
{
char cd_cnpj[14+1];
double vl_total = 0;

strcpy(cd_cnpj,mExtractField(buf_aux,Separator,2,Field,FieldSize));
vl_total = atof(mExtractFieldFloat(buf_aux,Separator,3,Field,FieldSize));

EXEC SQL
INSERT INTO adm_objetos.DEFIS_d5100_rec_comerc_export
(
id_declaracao,
cd_cnpj,
vl_total
)
VALUES (
:id_declaracao,
:cd_cnpj,
:vl_total
);
if (sqlca.sqlcode != 0)

```

```

{
    fprintf(fp_output,"%s - erro INSERT INTO DEFIS_d5100_rec_comerc_export.\n",CurrentDateTime(DataHora,1));
    sql_error(sqlca.sqlerrm.sqlerrmc);
}

}

/*****/
/*    Funo Gravar Informao EMpresa    */
/*****/

void ProcessarInformEmpresa (char *buf_aux)
{

    double vl_ganhos_capital = 0;
    double vl_lucro_contabil = 0;
    int qt_employees_inicial;
    int qt_employees_final;
    double vl_export_direta = 0;
    double vl_tot_ganhos_liq = 0;
    int st_inativo_prim_sem;
    float VL_PC_COTAS_TESOUR_CAP_SOCIAL = 0;

    vl_ganhos_capital = atof(mExtractFieldFloat(buf_aux,Separator,2,Field,FieldSize));
    vl_lucro_contabil = atof(mExtractFieldFloat(buf_aux,Separator,3,Field,FieldSize));
    qt_employees_inicial = atol(mExtractField(buf_aux,Separator,4,Field,FieldSize));
    qt_employees_final = atol(mExtractField(buf_aux,Separator,5,Field,FieldSize));
    vl_export_direta = atof(mExtractFieldFloat(buf_aux,Separator,6,Field,FieldSize));
    vl_tot_ganhos_liq = atof(mExtractFieldFloat(buf_aux,Separator,7,Field,FieldSize));
    st_inativo_prim_sem = atol(mExtractFieldFimLinha(buf_aux,Separator,8,Field,FieldSize));
    VL_PC_COTAS_TESOUR_CAP_SOCIAL = atof(mExtractFieldFloat(buf_aux,Separator,9,Field,FieldSize));

    EXEC SQL
    INSERT INTO adm_objetos.DEFIS_d5000_info_empresa
        (
        id_declaracao,
        vl_ganhos_capital,
        vl_lucro_contabil,
        qt_employees_inicial,
        qt_employees_final,
        vl_export_direta,
        vl_tot_ganhos_liq,
        st_inativo_prim_sem,
        VL_PC_COTAS_TESOUR_CAP_SOCIAL
        )
    VALUES (
        :id_declaracao,
        :vl_ganhos_capital,
        :vl_lucro_contabil,
        :qt_employees_inicial,
        :qt_employees_final,
        :vl_export_direta,
        :vl_tot_ganhos_liq,

```

```

:st_inativo_prim_sem,
    :VL_PC_COTAS_TESOUR_CAP_SOCIAL
);

if (sqlca.sqlcode != 0)
{
    fprintf(fp_output,"%s - erro INSERT INTO DEFIS_d5000_info_empresa.\n",CurrentDateTime(DataHora,1));
    sql_error(sqlca.sqlerrm.sqlerrmc);
}

}

/*****
/*    Funo Gravar Identificao Arquivo Digital    */
*****/

void GravarIdentArquivo (char *buf_aux)
{

char cnm_arquivo[250+1];
char cdt_inicio[8+1];
char dt_inicio[8+1];
char cdt_final[8+1];
char dt_final[8+1];
char cdt_inclusao[18+1];
char cnm_usuario_inclusao[30+1];

cd_versao = atol(mExtractField(buf_aux,Separator,2,Field,FieldSize));
strcpy(cnm_arquivo,p->d_name);

strcpy(cdt_inclusao,CurrentDateTime(DataHora,2));
strcpy(cnm_usuario_inclusao,usuario);

strcpy(cdt_inicio,mExtractField(buf_aux,Separator,3,Field,FieldSize));

/*
cdt_inicio[0]=dt_inicio[0];
cdt_inicio[1]=dt_inicio[1];
cdt_inicio[2]=dt_inicio[2];
cdt_inicio[3]=dt_inicio[3];
cdt_inicio[4]=dt_inicio[4];
cdt_inicio[5]=dt_inicio[5];
cdt_inicio[6]=dt_inicio[6];
cdt_inicio[7]=dt_inicio[7];
cdt_inicio[8]='\0';
*/

strncpy(dt_final, mExtractFieldFimLinha(buf_aux,Separator,4,Field,FieldSize),8);

cdt_final[0]=dt_final[0];
cdt_final[1]=dt_final[1];
cdt_final[2]=dt_final[2];

```



```

cdt_final[3]=dt_final[3];
cdt_final[4]=dt_final[4];
cdt_final[5]=dt_final[5];
cdt_final[6]=dt_final[6];
cdt_final[7]=dt_final[7];
cdt_final[8]='\0';

```

EXEC SQL

```

INSERT INTO adm_objetos.DEFIS_ARQUIVO_DIGITAL
        (sq_arquivo,
         cd_versao ,
         nm_arquivo,
         dt_inicio,
         dt_final,
         dt_inclusao,
         nm_usuario_inclusao)
VALUES (:sq_arquivo,
        :cd_versao,
        :cnm_arquivo||chr(0),
        to_date(:cdt_inicio,'yyyymmdd')||chr(0),
        to_date(:cdt_final,'yyyymmdd')||chr(0),
        to_date(:cdt_inclusao,'yyyymmddhh24:mi:ss')||chr(0),
        :cnm_usuario_inclusao||chr(0)
        );

if (sqlca.sqlcode != 0)
{
    fprintf(fp_output,"%s - erro INSERT INTO DEFIS_ARQUIVO_DIGITAL.\n",CurrentDateTime(DataHora,1));
    sql_error(sqlca.sqlerrm.sqlerrmc);
}

}

/*****
/*   Funo Tratamento Dados Nao Optante c/ Processo Administrativo   */
*****/

void ProcessarNaoOptProcAdministrativo (char *buf_aux)
{

int  id_adm_protocolado;
char  nm_uf_reparticao[2+1];
char  cd_munic_reparticao[5+1];
char  nm_munic_reparticao[50+1];
char  nu_processo[24+1];
char  dt_inicio[6+1];
char  dt_fim[6+1];

id_adm_protocolado = atol(mExtractField(buf_aux,Separator,2,Field,FieldSize));
strcpy(nm_uf_reparticao,mExtractField(buf_aux,Separator,3,Field,FieldSize));
strcpy(cd_munic_reparticao,mExtractField(buf_aux,Separator,4,Field,FieldSize));
strcpy(nm_munic_reparticao,mExtractField(buf_aux,Separator,5,Field,FieldSize));
strcpy(nu_processo,mExtractField(buf_aux,Separator,6,Field,FieldSize));

```

```
strcpy(dt_inicio,mExtractField(buf_aux,Separator,7,Field,FieldSize));
strcpy(dt_fim,mExtractFieldFimLinha(buf_aux,Separator,8,Field,FieldSize));
```

EXEC SQL

```
INSERT INTO adm_objetos.DEFIS_d2001_nao_opt_proc_adm
(
id_declaracao,
    id_adm_protocolado,
    nm_uf_reparticao,
    cd_munic_reparticao,
    nm_munic_reparticao,
    nu_processo,
    dt_inicio,
    dt_fim
)
```

```
VALUES (
:id_declaracao,
    :id_adm_protocolado,
    :nm_uf_reparticao,
    :cd_munic_reparticao,
    :nm_munic_reparticao,
    :nu_processo,
    :dt_inicio,
    :dt_fim
);
```

```
if (sqlca.sqlcode != 0)
{
    fprintf(fp_output,"%s - erro INSERT INTO DEFIS_d2001_nao_opt_proc_adm
.\n",CurrentDateTime(DataHora,1));
    sql_error(sqlca.sqlerrm.sqlerrmc);
}
```

```
}
```

```
/* **** */
```

```
/* Funo Tratamento Dados Evento Situacao Especial */
```

```
/* **** */
```

```
void ProcessarEventoSituacEspecial (char *buf_aux)
{
```

```
int id_evento;
char dt_evento[8+1];
```

```
id_evento = atol(mExtractField(buf_aux,Separator,2,Field,FieldSize));
```

```
strcpy(dt_evento,mExtractFieldFimLinha(buf_aux,Separator,3,Field,FieldSize));
```

EXEC SQL

```
INSERT INTO adm_objetos.DEFIS_D2000_EVENTO_SITUAC_ESP
(id_declaracao,
    id_evento,
```

```

        dt_evento)
VALUES (:id_declaracao,
        :id_evento,
:dt_evento
        );

if (sqlca.sqlcode != 0)
{
    fprintf(fp_output,"%s - erro INSERT INTO DEFIS_D2000_EVENTO_SITUAC_ESP - Declaração :
%s.\n",CurrentDateTime(DataHora,1),id_declaracao);
    sql_error(sqlca.sqlerrm.sqlerrmc);
}

```

```

}

```

```

/*****/

```

```

/*    Funo Tratamento Dados de Identificao Anual    */

```

```

/*****/

```

```

void ProcessarIdentDeclarAnual (char *buf_aux)

```

```

{

```

```

int  tp_declaracao;

```

```

int  nu_exercicio;

```

```

char  nm_razao_social[150+1];

```

```

char  dt_abertura[8+1];

```

```

char  dt_inicio_atividades[8+1];

```

```

long  nu_recibo;

```

```

long  nu_autenticacao;

```

```

char  dt_transmissao[14+1];

```

```

char  cd_versao[9+1];

```

```

char  tp_regime[1+1];

```

```

tp_declaracao = atol(mExtractField(buf_aux,Separator,3,Field,FieldSize));

```

```

nu_exercicio = atol(mExtractField(buf_aux,Separator,4,Field,FieldSize));

```

```

strcpy(nm_razao_social,mExtractField(buf_aux,Separator,5,Field,FieldSize));

```

```

strcpy(dt_abertura,mExtractField(buf_aux,Separator,6,Field,FieldSize));

```

```

strcpy(dt_inicio_atividades,mExtractField(buf_aux,Separator,7,Field,FieldSize));

```

```

nu_recibo = atol(mExtractField(buf_aux,Separator,8,Field,FieldSize));

```

```

nu_autenticacao = atol(mExtractField(buf_aux,Separator,9,Field,FieldSize));

```

```

strcpy(dt_transmissao,mExtractField(buf_aux,Separator,10,Field,FieldSize));

```

```

strcpy(cd_versao,mExtractField(buf_aux,Separator,11,Field,FieldSize));

```

```

strncpy(tp_regime,mExtractFieldFimLinha(buf_aux,Separator,12,Field,FieldSize),1);

```

```

EXEC SQL

```

```

INSERT INTO adm_objetos.DEFIS_d1000_declaracao_anual

```

```

        (id_declaracao,

```

```

            tp_declaracao,

```

```

            nu_exercicio,

```

```

            nm_razao_social,

```

```

            sq_arquivo,

```

```

            dt_abertura,

```

```

            dt_inicio_atividades,

```

```

        nu_recibo,
        nu_autenticacao,
        dt_transmissao,
        cd_versao,
tp_regime
    )

VALUES (:id_declaracao,
        :tp_declaracao,
        :nu_exercicio,
        :nm_razao_social,
        :sq_arquivo,
        :dt_abertura,
        :dt_inicio_atividades,
        :nu_recibo,
        :nu_autenticacao,
        :dt_transmissao,
        :cd_versao,
:tp_regime);

if (sqlca.sqlcode != 0)
{
    fprintf(fp_output,"%s - erro INSERT INTO DEFIS_d1000_declaracao_anual
.\n",CurrentDateTime(DataHora,1));
    sql_error(sqlca.sqlerrm.sqlerrmc);
}

}
/*****
/*          Carregar as linhas do arquivo          */
*****/

Processa_Arquivo(char *base_file_dir)
{

int  ct_lidos    = 0;
int  CtlHeader   = 0;
int  CtlDetalhe  = 0;
int  CtlTrailer  = 0;
int  WordSize    = 0;
int  Tamanho     = 0;
char  vCodVersao[3+1];
int   nEncCnpjRN = 0;
char  vNucleoCnpj[8+1];
strcpy(Separator,"|");
int  tp_declaracao;
int  nu_exercicio;
char  vTipoRegistro[5];
FieldSize = sizeof(Field);
char  buf_aux[4096];

```

```

while ((fgets(buf_aux,sizeof(buf_aux),fp_input) != 0) )
{

    ct_lidos++;

    strncpy(vTipoRegistro,mExtractField(buf_aux,Separator,1,Field,FieldSize),5);

    strcpy(vDepurarTipoRegistro,vTipoRegistro);

    /* printf("Registro Lidos => %d - TipoRegistro: %s.\n",ct_lidos,vTipoRegistro);*/

    if (strncmp(vTipoRegistro,"AAAAA",5)==0)
    {
        EXEC SQL
            Select ADM_OBJETOS.DEFIS_SQ_ARQUIVO.nextval
            Into :sq_arquivo
            from dual;

        if (sqlca.sqlcode != 0)
        {
            fprintf(fp_output,"%s - Erro Obtendo Valor da SEQUENCE
DEFIS_SQ_ARQUIVO.\n",CurrentDateTime(DataHora,1));
            sql_error(sqlca.sqlerrm.sqlerrmc);
        }

        GravarIdentArquivo (buf_aux);

    }
else
{
    if (strncmp(vTipoRegistro,"D1000",5)==0)
    {
        nEncCnpjRN = 0;
        strcpy(id_declaracao,mExtractField(buf_aux,Separator,2,Field,FieldSize));
        tp_declaracao = atol(mExtractField(buf_aux,Separator,3,Field,FieldSize));
        nu_exercicio = atol(mExtractField(buf_aux,Separator,4,Field,FieldSize));

        strcpy(vDepurarDeclaracao,id_declaracao);

        vNucleoCnpj[0] = id_declaracao[0];
        vNucleoCnpj[1] = id_declaracao[1];
        vNucleoCnpj[2] = id_declaracao[2];
        vNucleoCnpj[3] = id_declaracao[3];
        vNucleoCnpj[4] = id_declaracao[4];
        vNucleoCnpj[5] = id_declaracao[5];
        vNucleoCnpj[6] = id_declaracao[6];
        vNucleoCnpj[7] = id_declaracao[7];
        vNucleoCnpj[8] = 0;

        EXEC SQL
            Select 1

```

```

Into :nEncCnpjRN
From ADM_OBJETOS.CAD_CONTRIBUINTE C
Where substr(nu_cnpj,1,8) = :vNucleoCnpj
And rownum = 1;

if ((sqlca.sqlcode != 0) && (sqlca.sqlcode != 1403))
{
fprintf(fp_output,"%s - erro SELECT CAD_CONTRIBUINTE .\n",CurrentDateTime(DataHora,1));
sql_error(sqlca.sqlerrm.sqlerrmc);
}

if (nEncCnpjRN==1)
{
EXEC SQL
SELECT 0
INTO :nEncCnpjRN
FROM adm_objetos.DEFIS_d1000_declaracao_anual
WHERE ID_DECLARACAO = :id_declaracao
AND TP_DECLARACAO = :tp_declaracao
AND NU_EXERCICIO = :nu_exercicio
AND rownum = 1;

if ((sqlca.sqlcode != 0) && (sqlca.sqlcode != 1403))
{
fprintf(fp_output,"%s - erro Pesquisa DEFIS_d1000_declaracao_anual
.\n",CurrentDateTime(DataHora,1));
sql_error(sqlca.sqlerrm.sqlerrmc);
}

}
/* else
{
fprintf(fp_output,"%s - Reg. Desprezado - Sem Inscrição Municipal - Núcleo CNPJ: %s - id_declaracao: %s
- tp_declaracao: %d - nu_exercicio: %d
.\n",CurrentDateTime(DataHora,1),vNucleoCnpj,id_declaracao,tp_declaracao,nu_exercicio);
}
*/

if (nEncCnpjRN == 1)
{
ProcessarIdentDeclarAnual (buf_aux);
}
}
else
{
if (strncmp(vTipoRegistro,"D2000",5)==0)
{
if (nEncCnpjRN == 1)
ProcessarEventoSituacEspecial (buf_aux);
}
}
else
{

```

```

    if (strcmp(vTipoRegistro,"D2001",5)==0)
    {
        if (nEncCnpjRN == 1)
            ProcessarNaoOptProcAdministrativo (buf_aux);
        }
    else
    {
        if (strcmp(vTipoRegistro,"D5000",5)==0)
        {
            if (nEncCnpjRN == 1)
                ProcessarInformEmpresa (buf_aux);
            }
        else
        {
            if ((strcmp(vTipoRegistro,"D5100",5)==0))
            {
                if (nEncCnpjRN == 1)
                    ProcessarInformReceitaComerExportacao (buf_aux);
                }
            else
            {
                if ((strcmp(vTipoRegistro,"D5200",5)==0))
                {
                    if (nEncCnpjRN == 1)
                        ProcessarInformRendSocio (buf_aux);
                    }
                else
                {
                    if ((strcmp(vTipoRegistro,"D5300",5)==0))
                    {
                        if (nEncCnpjRN == 1)
                            ProcessarInformDetalheEstabelec (buf_aux);
                        }
                    else
                    {
                        if ((strcmp(vTipoRegistro,"D5310",5)==0))
                        {
                            if (nEncCnpjRN == 1)
                                ProcessarInformOperInterestadual (buf_aux);
                            }
                        else
                        {
                            if ((strcmp(vTipoRegistro,"D5320",5)==0))
                            {
                                if (nEncCnpjRN == 1)
                                    ProcessarInformIssRetidoNaFonte (buf_aux);
                                }
                            else
                            {
                                if ((strcmp(vTipoRegistro,"D5330",5)==0))
                                {

```

```

if (nEncCnpjRN == 1)
    ProcessarInformPrestServComunic (buf_aux);
}
else
{
    if ((strcmp(vTipoRegistro,"D5350",5)==0))
    {
        if (nEncCnpjRN == 1)
            ProcessarInformOpcionaisEmpresa (buf_aux);
        }
    else
    {
        if ((strcmp(vTipoRegistro,"D5352",5)==0))
        {
            if (nEncCnpjRN == 1)
                ProcessarInformRevAmbAutonomo (buf_aux);
            }
        else
        {
            if ((strcmp(vTipoRegistro,"D5353",5)==0))
            {
                if (nEncCnpjRN == 1)

                    ProcessarInformRefeicoesMunicipioD5353 (buf_aux);
                }
            else
            {
                if ((strcmp(vTipoRegistro,"D5354",5)==0))
                {
                    if (nEncCnpjRN == 1)

                        ProcessarInformProdutorRural (buf_aux);
                    }
                else
                {
                    if ((strcmp(vTipoRegistro,"D5355",5)==0))
                    {
                        if (nEncCnpjRN == 1)

                            ProcessarInformAquisicaoMercRural (buf_aux);
                        }
                    else
                    {
                        if ((strcmp(vTipoRegistro,"D5356",5)==0))
                        {
                            if (nEncCnpjRN == 1)

                                ProcessarInformAquisicaoMercContribDispensados (buf_aux);
                            }
                        }
                    }
                }
            }
        }
    }
}

```



```

        if (strcmp(vTipoRegistro,"D5014",5)==0)
        {
if (nEncCnpjRN == 1)

                ProcessarInformRateioReceita (buf_aux);
        }
        else
{
        if (strcmp(vTipoRegistro,"D5357",5)==0)
        {
if (nEncCnpjRN == 1)

                ProcessarInformRateioReceitaSEFAZ (buf_aux);
        }
        else
{
        if (strcmp(vTipoRegistro,"D5370",5)==0)
        {
if (nEncCnpjRN == 1)

                ProcessarInformPrestacaoServTransp (buf_aux);
        }
        else
{
        if (strcmp(vTipoRegistro,"D5360",5)==0)
        {
if (nEncCnpjRN == 1)

                ProcessarInformMudancaEndereco (buf_aux);
        }
        else
{
        if (strcmp(vTipoRegistro,"D5361",5)==0)
        {
if (nEncCnpjRN == 1)

                ProcessarInformOpcionais (buf_aux);
        }
        else
{
        if (strcmp(vTipoRegistro,"D5362",5)==0)
        {
if (nEncCnpjRN == 1)

                ProcessarInformRevenAmbAuto (buf_aux);
        }
        else
{
        if (strcmp(vTipoRegistro,"D5363",5)==0)
        {
if (nEncCnpjRN == 1)

```

```

        ProcessarInformRefeicoesMunicipioD5363 (buf_aux);
    }
else
{
if (strncmp(vTipoRegistro,"D5364",5)==0)
{
if (nEncCnpjRN == 1)

        ProcessarInformProducaoRural (buf_aux);
    }
else
{
if (strncmp(vTipoRegistro,"D5365",5)==0)
{
if (nEncCnpjRN == 1)

        ProcessarInformAquisicaoMerRural (buf_aux);
    }
else
{
if (strncmp(vTipoRegistro,"D5366",5)==0)
{
if (nEncCnpjRN == 1)

        ProcessarInformAquiMerContrib (buf_aux);
    }
else
{
if (strncmp(vTipoRegistro,"D5367",5)==0)
{
if (nEncCnpjRN == 1)

        ProcessarInformRateioRecSefaz (buf_aux);
    }
else
{
if
((strncmp(vTipoRegistro,"99999",5)!=0)&&(strncmp(vTipoRegistro,"D9999",5)!=0)&&(strncmp(vTipoRegistro,"ZZZZZ",
5)!=0)&&(strncmp(vTipoRegistro,"",5)!=0))
{
fprintf(fp_output,"%s - Tipo Registro Invalido : %s - ct_lidos:
%d.\n",CurrentDateTime(DataHora,1),vTipoRegistro,ct_lidos);

        EXEC SQL ROLLBACK;

        Move_Files_Erro();

EXEC SQL
UPDATE adm_objetos.DEFIS_NIGHT_BATCH_QUEUE
SET ST_PROCESSO = 'OFF';

```

```
EXEC SQL COMMIT;
```

```
    DesconectaBD();
```

```
    exit(1);
```

```
}
```

```
}
```

```
    }
```

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}
```

```
}
```

```
/******
```

```
/*          Abre archivo de Log          */
```

```
/******
```

```
Open_Log(char *prog, char *log_dir)
```

```
{
```

```
    if(strchr(prog,'/'))
```

```
        strcpy(prog_name,strchr(prog,'/') + 1);
```

```
    else
```

```
        strcpy(prog_name,prog);
```

```
    sprintf(log_file,"%s/%s_%s.LOG", log_dir, prog_name,CurrentDateTime(DataHora,2));
```

```

if((fp_output=fopen(log_file,"a+")) == NULL)
{
    fprintf(stderr,"%s - Falha na abertura do arquivo de log: %s.\nErrno %d \n",CurrentDateTime(DataHora,1),
        log_file, errno);
    DesconectaBD();
    exit(1);
}
}

/*****
/*          Conecta ao Banco de Dados          */
*****/

ConectaBD(char *User, char *Password, char *Database)
{
    EXEC SQL BEGIN DECLARE SECTION;
    varchar dbUser    [ 40 ];
    varchar dbPassword [ 40 ];
    varchar dbDatabase [ 40 ];
    EXEC SQL END DECLARE SECTION;

    dbUser.len  = strlen(User);
    dbPassword.len = strlen>Password);
    dbDatabase.len = strlen(Database);

    strncpy (dbUser.arr  , User  , dbUser.len  );
    strncpy (dbPassword.arr, Password, dbPassword.len);
    strncpy (dbDatabase.arr, Database, dbDatabase.len);

    oraca.orastxtf = ORASTFERR;
    EXEC SQL CONNECT :dbUser
        IDENTIFIED BY :dbPassword
        USING :dbDatabase;

    return(0);
}

/*****
/*          Desconecta ao Banco de Dados          */
*****/

DesconectaBD()
{
    EXEC SQL ROLLBACK;
    EXEC SQL COMMIT WORK RELEASE;
    fprintf(fp_output,"Desconexao com o BD efetuada com sucesso.\n");
}

/*****
sql_error(msg)
char *msg;

```

```

{
    fprintf(fp_output, "\n%s", msg);
    sqlca.sqlerrm.sqlerrmc[sqlca.sqlerrm.sqlerrml] = '\0';
    oraca.orastxt.orastxtc[oraca.orastxt.orastxtl] = '\0';
    oraca.orasfnm.orasfnmc[oraca.orasfnm.orasfnml] = '\0';
    fprintf(fp_output, "\n%s\n", sqlca.sqlerrm.sqlerrmc);
    fprintf(fp_output, "in \"%s...\"\n", oraca.orastxt.orastxtc);
    fprintf(fp_output, "on line %d of %s.\n\n",
        oraca.oraslnr, oraca.orasfnm.orasfnmc);

    EXEC SQL ROLLBACK;

    EXEC SQL
    UPDATE adm_objetos.DEFIS_NIGHT_BATCH_QUEUE
    SET ST_PROCESSO = 'OFF';

    EXEC SQL COMMIT;

    DesconectaBD();
    exit(1);
}
/*****/
/*  Move arquivo processado para diretorio especifico  */
/*****/
void Move_Files()
{
    fprintf(fp_output, "Movendo arquivo %s para %s.\n", input_file_name, proc_input_file_name);
    if(rename(input_file_name, proc_input_file_name) == ERRO)
    {
        fprintf(fp_output, "errno = %d .\n", errno);

        EXEC SQL
        UPDATE adm_objetos.DEFIS_NIGHT_BATCH_QUEUE
        SET ST_PROCESSO = 'OFF';

        EXEC SQL COMMIT;

        DesconectaBD();
        exit(1);
    }
}
/*****/
/*  Move arquivo c/ erro para diretorio especifico  */
/*****/
void Move_Files_Erro()
{
    fprintf(fp_output, "Movendo arquivo %s para %s.\n", input_file_name, erro_input_file_name);
    if(rename(input_file_name, erro_input_file_name) == ERRO)
    {
        fprintf(fp_output, "errno = %d .\n", errno);
    }
}

```

```

EXEC SQL
UPDATE adm_objetos.DEFIS_NIGHT_BATCH_QUEUE
SET ST_PROCESSO = 'OFF';

EXEC SQL COMMIT;

DesconectaBD();

exit(1);
}

}
/*****/
void Close_Input_Output_Files()
{
fclose(fp_input);

}
/*****/
char *mExtractFieldOcorrencias (const char *Line, char *Separator, int Ord, char *Field, int FieldSize)
{
int N = 1, i, j;

if (Ord < 1)
Field[0] = 0;
else {
i = 0; while (N < Ord && Line[i] != '\n' && Line[i] != '\r' && Line[i] != 0) if (Line[i++] == *Separator) N++;
j = i; while (Line[j] != *Separator && Line[j] != '\n' && Line[j] != '\r' && Line[j] != 0) j++;

if ((Line[j] == '\n') || (Line[j] == '\r') || (Line[j] == 0))
EncFimLinha = 1;

N = j - i; if (N >= FieldSize) N = FieldSize - 1;
memcpy (Field, Line + i, N);
Field[N] = 0;
}

return Field;
}
/*****/
char *mExtractField (const char *Line, char *Separator, int Ord, char *Field, int FieldSize)
{
int N = 1, i, j;

if (Ord < 1)
Field[0] = 0;
else {
i = 0; while (N < Ord && Line[i] != '\n' && Line[i] != '\r' && Line[i] != 0) if (Line[i++] == *Separator) N++;
j = i; while (Line[j] != *Separator && Line[j] != '\n' && Line[j] != '\r' && Line[j] != 0) j++;

```

```

    N = j - i; if (N >= FieldSize) N = FieldSize - 1;
    memcpy (Field, Line + i, N);
    Field[N] = 0;
}

return Field;

}

/*****/
char *mExtractFieldFimLinha (const char *Line, char *Separator, int Ord, char *Field, int FieldSize)
{
    int N = 1, i, j;
    int Y = 0;

    if (Ord < 1)
        Field[0] = 0;
    else {
        i = 0; while (N < Ord && Line[i] != '\n' && Line[i] != '\r' && Line[i] != 0) if (Line[i++] == *Separator) N++;
        j = i; while (Line[j] != *Separator && Line[j] != '\n' && Line[j] != '\r' && Line[j] != 0) j++;

        Y = j; while ( Line[Y] == '\n' || Line[Y] == '\r' || Line[Y] == ' ') Y--;

        N = (Y + 1) - i;

        memcpy (Field, Line + i, N);

        Field[N] = 0;
    }

    return Field;

}

/*****/
char *mExtractFieldFloatOcorrencias (const char *Line, char *Separator, int Ord, char *Field, int FieldSize)
{
    int N = 1, i, j;

    if (Ord < 1)
        Field[0] = 0;
    else {
        i = 0;
        while (N < Ord && Line[i] != '\n' && Line[i] != '\r' && Line[i] != 0 && Line[i] != ' ') if (Line[i++] == *Separator) N++;
        j = i; while (Line[j] != *Separator && Line[j] != '\n' && Line[j] != '\r' && Line[j] != 0 && Line[j] != ' ') j++;

        if ((Line[j] == '\n') || (Line[j] == '\r') || (Line[j] == 0) || (Line[j] == ' '))
            EncFimLinha = 1;

        N = j - i; if (N >= FieldSize) N = FieldSize - 1;
        memcpy (Field, Line + i, N);
        Field[N] = 0;
    }
}

```

```

i = 0;
for(i = 0; i < strlen(Field); i++)
{
    if (Field[i] == ',')
    {
        Field[i] = '.';
    }
}

return Field;
}
/*****/
char *mExtractFieldFloat (const char *Line, char *Separator, int Ord, char *Field, int FieldSize)
{
    int N = 1, i, j;

    if (Ord < 1)
        Field[0] = 0;
    else {
        i = 0;
        while (N < Ord && Line[i] != '\n' && Line[i] != '\r' && Line[i] != 0 && Line[i] != ' ') if (Line[i++] == *Separator) N++;
        j = i; while (Line[j] != *Separator && Line[j] != '\n' && Line[j] != '\r' && Line[j] != 0 && Line[j] != ' ') j++;
        N = j - i; if (N >= FieldSize) N = FieldSize - 1;
        memcpy (Field, Line + i, N);
        Field[N] = 0;
    }

    i = 0;
    for(i = 0; i < strlen(Field); i++)
    {
        if (Field[i] == ',')
        {
            Field[i] = '.';
        }
    }

    return Field;
}
/*****/
/* Devolve a data/hora corrente */
/*****/
char *CurrentDateTime (char *DataHora,int formato)
{
    int dia,mes,ano,hora,minuto,segundo;
    struct tm *local;

```



```

time_t t;
t= time(NULL);
local=localtime(&t);

dia=local->tm_mday;
mes=local->tm_mon+1;
ano=local->tm_year+1900;
hora=local->tm_hour;
minuto=local->tm_min;
segundo=local->tm_sec;

if (formato == 1) {
    sprintf(DataHora,"%02lu/%02lu/%02lu %02d:%02d:%02d",dia,mes,ano,hora,minuto,segundo);
}
else {
    if (formato == 2)
    {
        sprintf(DataHora,"%04lu%02d%02d%02d%02d%02d",ano,mes,dia,hora,minuto,segundo);
    }
}
return DataHora;
}
/*****
/*      Funcao verifica status do Pid da extracao no Unix      */
*****/

int StatusProcUnixPid(int N)
{
int w_ind_status_seq_unix_Pid;

    w_ind_status_seq_unix_Pid = CmdUnix ("-0",N);

    return w_ind_status_seq_unix_Pid;
}
/*****
/*      Funcao verifica status do PID da extracao no Unix      */
*****/

int CmdUnix (char *tipoParm, int numPid)
{
int  verPid      = numPid;
char  cmd_shell_unix [15]="";
char *tipo_Parm_unix = tipoParm;
int  resCmd      = 0;

    sprintf(cmd_shell_unix,"kill %s %d",tipo_Parm_unix,verPid);
    resCmd = system(cmd_shell_unix);

    printf("cmd: %s - Resulta: %d\n",cmd_shell_unix,resCmd);

    return resCmd;
}

```

```

/*****/
void Get_Password()
{

    char buf_aux[255];

    sprintf(input_file_name, "/sistemas/INCORPORACAO/SIMPLES_NACIONAL/DEFIS/LCK/%s", usuario);

    if((fp_input=fopen(input_file_name, "r")) == NULL)
    {
        fprintf(fp_output, "[%s] Erro na abertura do arquivo restrito de senha.\n", CurrentDateTime(DataHora, 1));
        fprintf(fp_output, "[%s] errno = %d.\n", CurrentDateTime(DataHora, 1), errno );
        exit(1);
    }

    fread(buf_aux, 1, sizeof(buf_aux), fp_input);

    int i, j = 0;
    for(i = 0; buf_aux[i] != '\n'; i++)
    {
        cPassword[j] = buf_aux[i];

        j++;
    }

}

CTE_Carga_Dados_v001.pc

```

```

/*****/
/* Objetivo   : Carregar Dados do CTE                               */
/* Modulo     : CTe                                                */
/*****/

/*****/
#include <stdio.h>
#include <stdlib.h>
#include <time.h>
#include <sys/types.h>
#include <sys/stat.h>
#include <string.h>
#include <dirent.h>
#include <limits.h>
#include <fcntl.h>
#include <errno.h>
#include <math.h>

/*****/
#include "sqlca.h"
#include "oraca.h"

```

```

EXEC ORACLE OPTION (ORACA=YES);
EXEC ORACLE OPTION (PREFETCH=60000);
/*****/

#define MAXFILENAME_SIZE 255
#define MAXPROGNAME_SIZE 50

/*****/

#define DATE_TIME_MASK "%Y/%m/%d %H:%M:%S"
#define DATE_MASK      "%Y/%m/%d"
#define TIME_MASK      "%H:%M:%S"
#define DATE_STR_MASK  "%Y%m"

#define ErroSQL sqlca.sqlcode
#define NRowsFetched sqlca.sqlerrd[2]
#define NoDataFound 1403

char *t_mask_ptr = TIME_MASK;
char *dt_mask_ptr = DATE_TIME_MASK;
char *dt_str_mask_ptr = DATE_STR_MASK;
/*
#define DT_MASK      givetime(dt_mask_ptr)
#define D_MASK       givetime(d_mask_ptr)
#define T_MASK       givetime(t_mask_ptr)
#define DT_STR_MASK  givetime(dt_str_mask_ptr)
*/
/*****/

extern int errno;
char * uppern(char *, int);
char * givetime(char *);
char log_file [MAXFILENAME_SIZE];
char prog_name[MAXPROGNAME_SIZE];
int formato      = 0;
char sql         [255];
char Status      [05];
char Word        [4096];
char cNomArquivo[254+1];
signed int proc_num_pid = 0;
char cStatus     [04];
int nPesquisaArquivo = 0;
char vNomeArquivo [255];
char DataHora    [18];
char cmdSolaris  [255];
int resCmd       = 0;
char S           [4096];
char V           [4096];
char Line [4096];
char Separator[1] = ",";
int Ord = 0;
char Field[4096];
int FieldSize = 0;

```

```

int Pos = 0;
int ctl = 0;
int nSeqCTeArquivo;
char cPassword      [50];

/*****/
void ProcessarInformCteIdentificacao (char *buf_aux);
char *CurrentDateTime (char *DataHora, int formato);
void GravarIdentArquivo();
int StatusProcUnixPid(int N);
int CmdUnix (char *tipoParm, int numPid);
void Move_Files_Erro();
void Move_Files();
void Close_Input_Output_Files();
char *SubString (const char *S, char *Old, char *New,char *Word);
char *mExtractFieldFloat (const char *Line, char *Separator, int Ord, char *Field, int FieldSize);
char *mExtractField (const char *Line, char *Separator, int Ord, char *Field, int FieldSize);
char *mNextWord (const char *S,int Pos,char *Word, int Tamanho);
void Get_Password();
/*****/
char prog_name[MAXPROGNAME_SIZE];

struct dirent *p = NULL;

char input_file_name      [MAXFILENAME_SIZE];
char proc_input_file_name [MAXFILENAME_SIZE];
char erro_input_file_name [MAXFILENAME_SIZE];
char controle_file_name   [MAXFILENAME_SIZE];
char log_file             [MAXFILENAME_SIZE];
char prog_name            [MAXPROGNAME_SIZE];
char file_email           [MAXPROGNAME_SIZE];

#define ERRO      -1
/*****/
FILE *fp_input    = NULL;
FILE *fp_output   = NULL;
FILE *fp_controle = NULL;
FILE *fp_problemas_email = NULL;
FILE *fp_ocorrencias_email = NULL;

/*****/
/* Informacoes sobre o arquivo de log */
/*****/
#define FILE_LOG  0
#define STDOUT_LOG 1
int log_mode = STDOUT_LOG | FILE_LOG;

/*****/
/* Variaveis globais */
/*****/

```

```

char *InstanciaBD;
char *usuario;
char *password;

/*****/
/*****/

int main(int argc, char *argv[])
{

#ifdef VERSAO_PRODUCAO
    char *log_dir    = "/sistemas/INCORPORACAO/CTE/LOG";
    char *in_file_dir = "/sistemas/INCORPORACAO/CTE/PENDENTE";
    char *base_file_dir = "/sistemas/INCORPORACAO/CTE/";

    InstanciaBD = "genipabu";
    usuario = "CARGA_CTE";
    password  = "carga";

#endif

#ifdef VERSAO_TESTE
    char *log_dir    = "/sistemas/INCORPORACAO/CTE/LOG";
    char *in_file_dir = "/sistemas/INCORPORACAO/CTE/PENDENTE";
    char *base_file_dir = "/sistemas/INCORPORACAO/CTE/";

    InstanciaBD = "genipabu";
    usuario     = "CARGA_CTE";
    password    = "carga";
#endif

    time_t t_i = 0, t_f = 0, t_c = 0;
    DIR *dp;

    int i = 0;

    /* Abre arquivo de log e grava nele algumas linhas */
    Open_Log(argv[0], log_dir);

    if((dp = opendir(in_file_dir)) == NULL)
    {
        fprintf(stderr, "Falha na abertura do diretorio %s.\nErrno %d \n",
                in_file_dir, errno);
        exit(1);
    }

    /* Efetuando conexao com o banco */
    printf("=====
=====\\n");

    Get_Password();

```

```

fprintf(fp_output,"%s - Efetuando conexao com o BD user: %s --> instancia:
%s\n",CurrentDateTime(DataHora,1),usuario,InstanciaBD);
printf("%s - Efetuando conexao com o BD user: %s --> instancia:
%s\n",CurrentDateTime(DataHora,1),usuario,InstanciaBD);

if(ConectaBD(usuario, cPassword, InstanciaBD) != 0)
{
    fprintf(fp_output,"%s - Erro ao tentar conexao com o banco de dados - sqlcode =
%d.\n",CurrentDateTime(DataHora,1),
        sqlca.sqlcode);
    printf("%s - Erro ao tentar conexao com o banco de dados - sqlcode = %d.\n",CurrentDateTime(DataHora,1),
        sqlca.sqlcode);
    exit(1);
}

fprintf(fp_output,"Conectado ao BD com sucesso.\n");

sprintf(sql, "ALTER SESSION SET NLS_DATE_FORMAT='YYYYMMDDHH24MISS'");

EXEC SQL EXECUTE IMMEDIATE :sql;

EXEC SQL
select NU_PID,ST_PROCESSO||chr(0)
into  :proc_num_pid,:cStatus
from  adm_objetos.CTE_CONTROLA_EXECUCAO_CARGA;

if (sqlca.sqlcode != 0)
{
    fprintf(fp_output,"%s - erro SELECT CTE_CONTROLA_EXECUCAO_CARGA.\n",CurrentDateTime(DataHora,1));
    sql_error(sqlca.sqlerrm.sqlerrmc);
}

if (strncmp(cStatus,"ON",2)==0)
{
    if (StatusProcUnixPid(proc_num_pid) ==0)
    {
        printf("Existe um processo em execucao!!!.\n");

        closedir(dp);

        DesconectaBD();

    exit(0);
    }
    else
    {
        proc_num_pid = getpid();

        EXEC SQL
        UPDATE adm_objetos.CTE_CONTROLA_EXECUCAO_CARGA
        SET DT_ULT_EXECUCAO = SYSDATE,

```

```

        NU_PID      = :proc_num_pid;

        EXEC SQL COMMIT;
    }
}
else
{

if (strcmp(cStatus,"OFF",3)==0)
{
    proc_num_pid = getpid();

    printf("Processo colocado em execucao - PID: %d .\n",proc_num_pid);

    EXEC SQL
        UPDATE adm_objetos.CTE_CONTROLA_EXECUCAO_CARGA
        SET DT_ULT_EXECUCAO = SYSDATE,
        ST_PROCESSO      = 'ON',
        NU_PID           = :proc_num_pid;

    if (sqlca.sqlcode != 0)
    {
        sql_error(sqlca.sqlerrm.sqlerrmc);
    }

    EXEC SQL COMMIT;
}
else
{
    printf("Status do processo em execucao não foi identificado - !!!.\n");
    exit(1);
}
}

while((p = readdir(dp)) != NULL)
{

if((strcmp(p->d_name,"CTE_",4)==0)|| (strcmp(p->d_name,"cte_",4)==0) )
{
    sprintf(input_file_name,"%s/%s", in_file_dir, p->d_name);
    sprintf(proc_input_file_name,"%s/PROCESSADO/%s", base_file_dir, p->d_name);
    sprintf(erro_input_file_name,"%s/PROBLEMA/%s", base_file_dir, p->d_name);

    sprintf(vNomeArquivo,"%s",p->d_name);

    /* Procura arquivo na tabela */
    EXEC SQL
    SELECT COUNT(*)
    INTO   :nPesquisaArquivo
    FROM   adm_objetos.CTE_ARQUIVO_DIGITAL
    WHERE  NM_ARQUIVO = :vNomeArquivo;

```

```

if (sqlca.sqlcode != 0)
{
    sql_error(sqlca.sqlerrm.sqlerrmc);
}

if (nPesquisaArquivo > 0)
{
    Move_Files_Erro();
    fprintf(fp_output,"%s - Arquivo duplicado : %s.\n",CurrentDateTime(DataHora,1),p->d_name);
    fprintf(fp_output,"%s - Arquivo movido p/ directorio erro : %s.\n",CurrentDateTime(DataHora,1),p->d_name);
}
else
{
    fprintf(fp_output,"=====
=====\\n");
    fprintf(fp_output,"Abrindo arquivo de entrada : %s.\n", input_file_name);
    if ((fp_input=fopen(input_file_name,"r")) == NULL)
    {
        fprintf(fp_output,"Erro na abertura do arquivo de entrada %s.\n",input_file_name);
        fprintf(fp_output,"errno = %d .\n",errno);

        Move_Files_Erro();

EXEC SQL
UPDATE adm_objetos.CTE_CONTROLA_EXECUCAO_CARGA
SET ST_PROCESSO = 'OFF';

EXEC SQL COMMIT;

        DesconectaBD();

        exit(1);
    }
else
    {

        fprintf(fp_output,"%s - Processando arquivo : %s.\n",CurrentDateTime(DataHora,1),input_file_name);

GravarIdentArquivo();

        Processa_Arquivo(in_file_dir);

        Close_Input_Output_Files();

        Move_Files();

        EXEC SQL COMMIT;

    }
}

```



```

    }
}

closedir(dp);

t_f = time(NULL);
t_c = t_f - t_i;

EXEC SQL
UPDATE adm_objetos.CTE_CONTROLA_EXECUCAO_CARGA
SET ST_PROCESSO = 'OFF';

EXEC SQL COMMIT;

DesconectaBD();

sprintf(cmdsolaris,"gzip %s/PROCESSADO/CTE*.txt", base_file_dir);

resCmd = system(cmdsolaris);

exit(0);
}
/*****
/*   Funcao Gravar Identificacao Arquivo Digital   */
*****/
void GravarIdentArquivo()
{
int cd_versao;
char nm_arquivo[250+1];
char dt_inclusao[18+1];
char nm_usuario_inclusao[30+1];

cd_versao = 100;
strcpy(nm_arquivo,p->d_name);
strcpy(dt_inclusao,CurrentDateTime(DataHora,2));
strcpy(nm_usuario_inclusao,usuario);

EXEC SQL
Select adm_objetos.SEQ_CTE_ARQUIVO.nextval
Into :nSeqCTeArquivo
from dual;

if (sqlca.sqlcode != 0)
{
fprintf(fp_output,"%s - Erro Obtendo Valor da SEQUENCE CTE_SQ_ARQUIVO.\n",CurrentDateTime(DataHora,1));
sql_error(sqlca.sqlerrm.sqlerrmc);
}

EXEC SQL
INSERT INTO adm_objetos.CTE_ARQUIVO_DIGITAL

```

```

(sq_arquivo,
cd_versao,
nm_arquivo,
dt_inclusao,
nm_usuario_inclusao)
VALUES (:nSeqCTeArquivo,
:cd_versao,
:nm_arquivo,
to_date(:dt_inclusao,'yyyymmdd hh24:mi:ss'),
:nm_usuario_inclusao
);

if (sqlca.sqlcode != 0)
{
fprintf(fp_output,"%s - erro INSERT INTO CTE_ARQUIVO_DIGITAL.\n",CurrentDateTime(DataHora,1));
sql_error(sqlca.sqlerrm.sqlerrmc);
}
}
/*****
/* Funcao Tratamento Dados de Identificacao CTe */
*****/

void ProcessarInformCteIdentificacao (char *buf_aux)
{

char cCnpjFormatado[18+1];
long int nSqlIdentificacao = 0;
char cNu_cte[15];
int Nu_cte = 0;
char Nu_serie[2];
char dt_emissao_aux[18+1];
char dt_emissao[14+1];
char hr_emissao[8+1];
char nu_chave_cte[44+1];
char st_cte[25+1];
char nu_cnpj_emitente[14+1];
char sg_uf_emitente[2+1];
char nm_razao_social_emitente[250];
int nu_cfop;
char nu_cnpj_remetente[14+1];
char nu_ie_remetente[14+1];
char sg_uf_remetente[2+1];
char nm_razao_social_remetente[250];
char nu_cnpj_destinatario[14+1];
char sg_uf_destinatario[2+1];
char nm_razao_social_destinatario[250];
char nu_cnpj_tomador_servico[14+1];
char sg_uf_tomador_servico[2+1];
char nm_razao_social_tomador_serv[250];
char nu_cnpj_tomador_expedidor[14+1];
char sg_uf_tomador_expedidor[2+1];
char nu_cnpj_tomador_recebedor[14+1];

```

```

char sg_uf_tomador_recebedor[2+1];
double vl_total_cte = 0;
double vl_base_calculo = 0;
double vl_icms_destacado = 0;
char nu_placa1[7+1];
char nu_placa2[7+1];
char nu_placa3[7+1];

strcpy(cNu_cte,mExtractField(buf_aux,Separator,1,Field,FieldSize));

Nu_cte = atol(mNextWord(cNu_cte,0,Word,strlen(cNu_cte)-2));

strcpy(Nu_serie,mNextWord(cNu_cte,strlen(cNu_cte)-1,Word,1));

strcpy(hr_emissao,mExtractField(buf_aux,Separator,4,Field,FieldSize));

sprintf(dt_emissao_aux,"%s",mExtractField(buf_aux,Separator,2,Field,FieldSize));

dt_emissao[0] = dt_emissao_aux[6];
dt_emissao[1] = dt_emissao_aux[7];
dt_emissao[2] = dt_emissao_aux[8];
dt_emissao[3] = dt_emissao_aux[9];
dt_emissao[4] = dt_emissao_aux[3];
dt_emissao[5] = dt_emissao_aux[4];
dt_emissao[6] = dt_emissao_aux[0];
dt_emissao[7] = dt_emissao_aux[1];

dt_emissao[8] = hr_emissao[0];
dt_emissao[9] = hr_emissao[1];
dt_emissao[10] = hr_emissao[3];
dt_emissao[11] = hr_emissao[4];
dt_emissao[12] = hr_emissao[6];
dt_emissao[13] = hr_emissao[7];
dt_emissao[14] = '\0';

strcpy(nu_chave_cte,mExtractField(buf_aux,Separator,3,Field,FieldSize));

strcpy(st_cte,mExtractField(buf_aux,Separator,5,Field,FieldSize));

strcpy(cCnpjFormatado,mExtractField(buf_aux,Separator,6,Field,FieldSize));

nu_cnpj_emitente[0]=cCnpjFormatado[0];
nu_cnpj_emitente[1]=cCnpjFormatado[1];
nu_cnpj_emitente[2]=cCnpjFormatado[3];
nu_cnpj_emitente[3]=cCnpjFormatado[4];
nu_cnpj_emitente[4]=cCnpjFormatado[5];
nu_cnpj_emitente[5]=cCnpjFormatado[7];
nu_cnpj_emitente[6]=cCnpjFormatado[8];
nu_cnpj_emitente[7]=cCnpjFormatado[9];
nu_cnpj_emitente[8]=cCnpjFormatado[11];
nu_cnpj_emitente[9]=cCnpjFormatado[12];

```

```

nu_cnpj_emitente[10]=cCnpjFormatado[13];
nu_cnpj_emitente[11]=cCnpjFormatado[14];
nu_cnpj_emitente[12]=cCnpjFormatado[16];
nu_cnpj_emitente[13]=cCnpjFormatado[17];
nu_cnpj_emitente[14]='\0';

cCnpjFormatado[0]='\0';

strcpy(sg_uf_emitente,mExtractField(buf_aux,Separator,7,Field,FieldSize));

strcpy(nm_razao_social_emitente,mExtractField(buf_aux,Separator,8,Field,FieldSize));

nu_cfop      = atol(mExtractField(buf_aux,Separator,9,Field,FieldSize));

strcpy(cCnpjFormatado,mExtractField(buf_aux,Separator,10,Field,FieldSize));

nu_cnpj_remetente[0]=cCnpjFormatado[0];
nu_cnpj_remetente[1]=cCnpjFormatado[1];
nu_cnpj_remetente[2]=cCnpjFormatado[3];
nu_cnpj_remetente[3]=cCnpjFormatado[4];
nu_cnpj_remetente[4]=cCnpjFormatado[5];
nu_cnpj_remetente[5]=cCnpjFormatado[7];
nu_cnpj_remetente[6]=cCnpjFormatado[8];
nu_cnpj_remetente[7]=cCnpjFormatado[9];
nu_cnpj_remetente[8]=cCnpjFormatado[11];
nu_cnpj_remetente[9]=cCnpjFormatado[12];
nu_cnpj_remetente[10]=cCnpjFormatado[13];
nu_cnpj_remetente[11]=cCnpjFormatado[14];
nu_cnpj_remetente[12]=cCnpjFormatado[16];
nu_cnpj_remetente[13]=cCnpjFormatado[17];
nu_cnpj_remetente[14]='\0';

cCnpjFormatado[0]='\0';

/* nu_ie_remetente, */

strcpy(sg_uf_remetente,mExtractField(buf_aux,Separator,11,Field,FieldSize));

strcpy(nm_razao_social_remetente,mExtractField(buf_aux,Separator,12,Field,FieldSize));

strcpy(cCnpjFormatado,mExtractField(buf_aux,Separator,13,Field,FieldSize));

nu_cnpj_destinatario[0]=cCnpjFormatado[0];
nu_cnpj_destinatario[1]=cCnpjFormatado[1];
nu_cnpj_destinatario[2]=cCnpjFormatado[3];
nu_cnpj_destinatario[3]=cCnpjFormatado[4];
nu_cnpj_destinatario[4]=cCnpjFormatado[5];
nu_cnpj_destinatario[5]=cCnpjFormatado[7];
nu_cnpj_destinatario[6]=cCnpjFormatado[8];
nu_cnpj_destinatario[7]=cCnpjFormatado[9];
nu_cnpj_destinatario[8]=cCnpjFormatado[11];

```

```

nu_cnpj_destinatario[9]=cCnpjFormatado[12];
nu_cnpj_destinatario[10]=cCnpjFormatado[13];
nu_cnpj_destinatario[11]=cCnpjFormatado[14];
nu_cnpj_destinatario[12]=cCnpjFormatado[16];
nu_cnpj_destinatario[13]=cCnpjFormatado[17];
nu_cnpj_destinatario[14]='\0';

cCnpjFormatado[0]='\0';

strcpy(sg_uf_destinatario,mExtractField(buf_aux,Separator,14,Field,FieldSize));

strcpy(nm_razao_social_destinatario,mExtractField(buf_aux,Separator,15,Field,FieldSize));

strcpy(cCnpjFormatado,mExtractField(buf_aux,Separator,16,Field,FieldSize));

nu_cnpj_tomador_servico[0]=cCnpjFormatado[0];
nu_cnpj_tomador_servico[1]=cCnpjFormatado[1];
nu_cnpj_tomador_servico[2]=cCnpjFormatado[3];
nu_cnpj_tomador_servico[3]=cCnpjFormatado[4];
nu_cnpj_tomador_servico[4]=cCnpjFormatado[5];
nu_cnpj_tomador_servico[5]=cCnpjFormatado[7];
nu_cnpj_tomador_servico[6]=cCnpjFormatado[8];
nu_cnpj_tomador_servico[7]=cCnpjFormatado[9];
nu_cnpj_tomador_servico[8]=cCnpjFormatado[11];
nu_cnpj_tomador_servico[9]=cCnpjFormatado[12];
nu_cnpj_tomador_servico[10]=cCnpjFormatado[13];
nu_cnpj_tomador_servico[11]=cCnpjFormatado[14];
nu_cnpj_tomador_servico[12]=cCnpjFormatado[16];
nu_cnpj_tomador_servico[13]=cCnpjFormatado[17];
nu_cnpj_tomador_servico[14]='\0';

cCnpjFormatado[0]='\0';

strcpy(sg_uf_tomador_servico,mExtractField(buf_aux,Separator,17,Field,FieldSize));

strcpy(nm_razao_social_tomador_serv,mExtractField(buf_aux,Separator,18,Field,FieldSize));

strcpy(cCnpjFormatado,mExtractField(buf_aux,Separator,19,Field,FieldSize));

nu_cnpj_tomador_expedidor[0]=cCnpjFormatado[0];
nu_cnpj_tomador_expedidor[1]=cCnpjFormatado[1];
nu_cnpj_tomador_expedidor[2]=cCnpjFormatado[3];
nu_cnpj_tomador_expedidor[3]=cCnpjFormatado[4];
nu_cnpj_tomador_expedidor[4]=cCnpjFormatado[5];
nu_cnpj_tomador_expedidor[5]=cCnpjFormatado[7];
nu_cnpj_tomador_expedidor[6]=cCnpjFormatado[8];
nu_cnpj_tomador_expedidor[7]=cCnpjFormatado[9];
nu_cnpj_tomador_expedidor[8]=cCnpjFormatado[11];
nu_cnpj_tomador_expedidor[9]=cCnpjFormatado[12];
nu_cnpj_tomador_expedidor[10]=cCnpjFormatado[13];
nu_cnpj_tomador_expedidor[11]=cCnpjFormatado[14];

```

```

nu_cnpj_tomador_expedidor[12]=cCnpjFormatado[16];
nu_cnpj_tomador_expedidor[13]=cCnpjFormatado[17];
nu_cnpj_tomador_expedidor[14]='\0';

cCnpjFormatado[0]='\0';

strcpy(sg_uf_tomador_expedidor,mExtractField(buf_aux,Separator,20,Field,FieldSize));

strcpy(cCnpjFormatado,mExtractField(buf_aux,Separator,21,Field,FieldSize));

nu_cnpj_tomador_recebedor[0]=cCnpjFormatado[0];
nu_cnpj_tomador_recebedor[1]=cCnpjFormatado[1];
nu_cnpj_tomador_recebedor[2]=cCnpjFormatado[3];
nu_cnpj_tomador_recebedor[3]=cCnpjFormatado[4];
nu_cnpj_tomador_recebedor[4]=cCnpjFormatado[5];
nu_cnpj_tomador_recebedor[5]=cCnpjFormatado[7];
nu_cnpj_tomador_recebedor[6]=cCnpjFormatado[8];
nu_cnpj_tomador_recebedor[7]=cCnpjFormatado[9];
nu_cnpj_tomador_recebedor[8]=cCnpjFormatado[11];
nu_cnpj_tomador_recebedor[9]=cCnpjFormatado[12];
nu_cnpj_tomador_recebedor[10]=cCnpjFormatado[13];
nu_cnpj_tomador_recebedor[11]=cCnpjFormatado[14];
nu_cnpj_tomador_recebedor[12]=cCnpjFormatado[16];
nu_cnpj_tomador_recebedor[13]=cCnpjFormatado[17];
nu_cnpj_tomador_recebedor[14]='\0';

cCnpjFormatado[0]='\0';

strcpy(sg_uf_tomador_recebedor,mExtractField(buf_aux,Separator,22,Field,FieldSize));

vl_total_cte      = atof(mExtractFieldFloat(buf_aux,Separator,23,Field,FieldSize));

vl_base_calculo    = atof(mExtractFieldFloat(buf_aux,Separator,24,Field,FieldSize));

vl_icms_destacado  = atof(mExtractFieldFloat(buf_aux,Separator,25,Field,FieldSize));

strcpy(nu_placa1,mExtractField(buf_aux,Separator,26,Field,FieldSize));

strcpy(nu_placa2,mExtractField(buf_aux,Separator,27,Field,FieldSize));

strcpy(nu_placa3,mExtractField(buf_aux,Separator,28,Field,FieldSize));

```

EXEC SQL

```

Select ADM_OBJETOS.SEQ_CTE_IDENTIFICACAO.NEXTVAL
Into :nSqlIdentificacao
From Dual;

```

EXEC SQL

```

INSERT INTO adm_objetos.cte_identificacao
(Sq_Identificacao,
nu_cte,

```

nu\_serie,  
dt\_emissao,  
nu\_chave\_cte,  
st\_cte,  
nu\_cnpj\_emitente,  
sg\_uf\_emitente,  
nm\_razao\_social\_emitente,  
nu\_cfop,  
nu\_cnpj\_remetente,  
nu\_ie\_remetente,  
sg\_uf\_remetente,  
nm\_razao\_social\_remetente,  
nu\_cnpj\_destinatario,  
sg\_uf\_destinatario,  
nm\_razao\_social\_destinatario,  
nu\_cnpj\_tomador\_servico,  
sg\_uf\_tomador\_servico,  
nm\_razao\_social\_tomador\_serv,  
nu\_cnpj\_tomador\_expedidor,  
sg\_uf\_tomador\_expedidor,  
nu\_cnpj\_tomador\_recebedor,  
sg\_uf\_tomador\_recebedor,  
vl\_total\_cte,  
vl\_base\_calculo,  
vl\_icms\_destacado,  
nu\_placa1,  
nu\_placa2,  
nu\_placa3,  
sq\_arquivo)

VALUES (:nSqlIdentificacao,  
      :Nu\_cte,  
      :Nu\_serie,  
      :dt\_emissao,  
:nu\_chave\_cte,  
:st\_cte,  
:nu\_cnpj\_emitente,  
:sg\_uf\_emitente,  
:nm\_razao\_social\_emitente,  
:nu\_cfop,  
:nu\_cnpj\_remetente,  
:nu\_ie\_remetente,  
:sg\_uf\_remetente,  
:nm\_razao\_social\_remetente,  
:nu\_cnpj\_destinatario,  
:sg\_uf\_destinatario,  
:nm\_razao\_social\_destinatario,  
:nu\_cnpj\_tomador\_servico,  
:sg\_uf\_tomador\_servico,  
:nm\_razao\_social\_tomador\_serv,  
:nu\_cnpj\_tomador\_expedidor,

```

:sg_uf_tomador_expedidor,
:nu_cnpj_tomador_recebedor,
:sg_uf_tomador_recebedor,
:vl_total_cte,
:vl_base_calculo,
:vl_icms_destacado,
:nu_placa1,
:nu_placa2,
:nu_placa3,
:nSeqCTeArquivo
);

    if (sqlca.sqlcode != 0)
    {
        fprintf(fp_output,"%s - erro INSERT INTO cte_identificacao.\n",CurrentDateTime(DataHora,1));
        printf("Nu_cte: %d.\n",Nu_cte);
        printf("Nu_serie: %s.\n",Nu_serie);
        printf("dt_emissao: %s.\n",dt_emissao);
        printf("nu_chave_cte: %s.\n",nu_chave_cte);
        printf("st_cte: %s.\n",st_cte);
        printf("nu_cnpj_emitente: %s.\n",nu_cnpj_emitente);
        printf("sg_uf_emitente: %s.\n",sg_uf_emitente);
        printf("nm_razao_social_emitente: %s.\n",nm_razao_social_emitente);
        printf("nu_cfop: %d.\n",nu_cfop);
        printf("nu_cnpj_remetente: %s.\n",nu_cnpj_remetente);
        printf("nu_ie_remetente: %s.\n",nu_ie_remetente);
        printf("sg_uf_remetente: %s.\n",sg_uf_remetente);
        printf("nm_razao_social_remetente: %s.\n",nm_razao_social_remetente);
        printf("nu_cnpj_destinatario: %s.\n",nu_cnpj_destinatario);
        printf("sg_uf_destinatario: %s.\n",sg_uf_destinatario);
        printf("nm_razao_social_destinatario: %s.\n",nm_razao_social_destinatario);
        printf("nu_cnpj_tomador_servico: %s.\n",nu_cnpj_tomador_servico);
        printf("sg_uf_tomador_servico: %s.\n",sg_uf_tomador_servico);
        printf("nm_razao_social_tomador_serv: %s.\n",nm_razao_social_tomador_serv);
        printf("nu_cnpj_tomador_expedidor: %s.\n",nu_cnpj_tomador_expedidor);
        printf("sg_uf_tomador_expedidor: %s.\n",sg_uf_tomador_expedidor);
        printf("nu_cnpj_tomador_recebedor: %s.\n",nu_cnpj_tomador_recebedor);
        printf("sg_uf_tomador_recebedor: %s.\n",sg_uf_tomador_recebedor);
        printf("nu_placa1: %s.\n",nu_placa1);
        printf("nu_placa2: %s.\n",nu_placa2);
        printf("nu_placa3: %s.\n",nu_placa3);

        sql_error(sqlca.sqlerrm.sqlerrmc);
    }

}

/*****
Carregar as linhas do arquivo
*****/

Processa_Arquivo(char *base_file_dir)
{

```



```

char buf_aux[4096];
int WordSize = 0;
int Tamanho = 0;

FieldSize = sizeof(Field);

while ((fgets(buf_aux,sizeof(buf_aux),fp_input) != 0) )
{

    ProcessarInformCtIdentificacao (buf_aux);
}

}
/*****
/*          Abre arquivo de Log          */
*****/
Open_Log(char *prog, char *log_dir)
{
    if(strchr(prog,'/'))
        strcpy(prog_name,strchr(prog,'/') + 1);
    else
        strcpy(prog_name,prog);

    sprintf(log_file,"%s/%s_%s.LOG", log_dir, prog_name,CurrentDateTime(DataHora,2));

    if((fp_output=fopen(log_file,"a+")) == NULL)
    {
        fprintf(stderr,"%s - Falha na abertura do arquivo de log: %s.\nErrno %d \n",CurrentDateTime(DataHora,1),
            log_file, errno);

        DesconectaBD();
        exit(1);
    }
}

/*****
/*          Conecta ao Banco de Dados          */
*****/
ConectaBD(char *User, char *Password, char *Database)
{
    EXEC SQL BEGIN DECLARE SECTION;
    varchar dbUser    [ 40 ];
    varchar dbPassword [ 40 ];
    varchar dbDatabase [ 40 ];
    EXEC SQL END DECLARE SECTION;

    dbUser.len = strlen(User);
    dbPassword.len = strlen>Password);
    dbDatabase.len = strlen(Database);

    strncpy (dbUser.arr , User , dbUser.len );

```

```

strncpy (dbPassword.arr, Password, dbPassword.len);
strncpy (dbDatabase.arr, Database, dbDatabase.len);

oraca.orastxtf = ORASTFERR;
EXEC SQL CONNECT :dbUser
IDENTIFIED BY :dbPassword
USING :dbDatabase;

return(0);
}

/*****
/*      Desconecta ao Banco de Dados      */
*****/
DesconectaBD()
{
EXEC SQL ROLLBACK;
EXEC SQL COMMIT WORK RELEASE;
fprintf(fp_output,"Desconexao com o BD efetuada com sucesso.\n");

}

/*****
sql_error(msg)
char *msg;
{
fprintf(fp_output,"\n%s", msg);
sqlca.sqlerrm.sqlerrmc[sqlca.sqlerrm.sqlerrml] = '\0';
oraca.orastxt.orastxtc[oraca.orastxt.orastxtl] = '\0';
oraca.orasfnm.orasfnmc[oraca.orasfnm.orasfnml] = '\0';
fprintf(fp_output,"\n%s\n", sqlca.sqlerrm.sqlerrmc);
fprintf(fp_output,"in \"%s...\n", oraca.orastxt.orastxtc);
fprintf(fp_output,"on line %d of %s.\n\n",
oraca.oraslnr, oraca.orasfnm.orasfnmc);

EXEC SQL ROLLBACK;

EXEC SQL
UPDATE adm_objetos.CTE_CONTROLA_EXECUCAO_CARGA
SET ST_PROCESSO = 'OFF';

EXEC SQL COMMIT;

DesconectaBD();
exit(1);
}

/*****
/*      Move arquivo processado para diretorio especifico      */
*****/
void Move_Files()
{

```

```

fprintf(fp_output,"Movendo arquivo %s para %s.\n", input_file_name, proc_input_file_name);
if(rename(input_file_name,proc_input_file_name) == ERRO)
{
    fprintf(fp_output,"errno = %d .\n",errno);

    EXEC SQL
    UPDATE adm_objetos.CTE_CONTROLA_EXECUCAO_CARGA
    SET ST_PROCESSO = 'OFF';

    EXEC SQL COMMIT;

    DesconectaBD();
    exit(1);
}

}
/*****/
/*      Move arquivo c/ erro para diretorio especifico      */
/*****/
void Move_Files_Erro()
{
    fprintf(fp_output,"Movendo arquivo %s para %s.\n", input_file_name, erro_input_file_name);
    if(rename(input_file_name,erro_input_file_name) == ERRO)
    {
        fprintf(fp_output,"errno = %d .\n",errno);

        EXEC SQL
        UPDATE adm_objetos.CTE_CONTROLA_EXECUCAO_CARGA
        SET ST_PROCESSO = 'OFF';

        EXEC SQL COMMIT;

        DesconectaBD();
        exit(1);
    }

}
/*****/
void Close_Input_Output_Files()
{
    fclose(fp_input);

}
/*****/
/* Devolve a palavra (Word) substituindo caracteres old por new, caso encontre na string passada */
/*****/
char *SubString (const char *S, char *Old, char *New,char *Word)
{
    char result[4096] = "";
    char compara[4096] = "";
    int i,j,h = 0;

```

```

int y,x,z = 0;
x = 0;
for (i = 0 ; i <= strlen(S) ; i++)
{
    result[x] = S[i];
    x++;
    compara[0]='\0';
    j,y = 0;
    z = i;
    for (j = i ; (j <= (strlen(Old)+z)-1); j++)
    {
        compara[y] = S[j];
        compara[y+1] = '\0';
        if (strncmp(compara,Old,strlen(Old))==0)
        {
            x--;
            for (h = 0 ; h <= (strlen(New)-1) ; h++)
            {
                result[x] = New[h];
                x++;
            }
            i = i + (strlen(Old)-1);
            j = j + strlen(Old)+2;
        }
        y++;
    }

}
memcpy (Word,result,strlen(result)+1);

Word[strlen(result)+1] = '\0';

return Word;
}
/*****/
char *mExtractField (const char *Line, char *Separator, int Ord, char *Field, int FieldSize)
{
    int N = 1, i, j;

    if (Ord < 1)
        Field[0] = 0;
    else {
        i = 0; while (N < Ord && Line[i] != '\n' && Line[i] != '\r' && Line[i] != 0) if (Line[i++] == *Separator) N++;
        j = i; while (Line[j] != *Separator && Line[j] != '\n' && Line[j] != '\r' && Line[j] != 0) j++;

        N = j - i; if (N >= FieldSize) N = FieldSize - 1;
        memcpy (Field, Line + i, N);
        Field[N] = 0;
    }

    return Field;
}

```

```

}

/*****/
char *mExtractFieldFloat (const char *Line, char *Separator, int Ord, char *Field, int FieldSize)
{
    int N = 1, i, j;

    if (Ord < 1)
        Field[0] = 0;
    else {
        i = 0;
        while (N < Ord && Line[i] != '\n' && Line[i] != '\r' && Line[i] != 0) if (Line[i++] == *Separator) N++;
        j = i; while (Line[j] != *Separator && Line[j] != '\n' && Line[j] != '\r' && Line[j] != 0) j++;
        N = j - i; if (N >= FieldSize) N = FieldSize - 1;
        memcpy (Field, Line + i, N);
        Field[N] = 0;
    }

    i = 0;
    for(i = 0; i < strlen(Field); i++)
    {
        if (Field[i] == ',')
        {
            Field[i] = '.';
        }
    }

    return Field;
}

/*****/
/* Devolve a data/hora corrente */
/*****/
char *CurrentDateTime (char *DataHora,int formato)
{
    int dia,mes,ano,hora,minuto,segundo;
    struct tm *local;
    time_t t;
    t= time(NULL);
    local=localtime(&t);

    dia=local->tm_mday;
    mes=local->tm_mon+1;
    ano=local->tm_year+1900;
    hora=local->tm_hour;
    minuto=local->tm_min;
    segundo=local->tm_sec;

    if (formato == 1) {
        sprintf(DataHora,"%02lu/%02lu/%02lu %02d:%02d:%02d",dia,mes,ano,hora,minuto,segundo);
    }
}

```

```

else {
    if (formato == 2)
    {
        sprintf(DataHora,"%04lu%02d%02d%02d%02d%02d",ano,mes,dia,hora,minuto,segundo);
    }
}
return DataHora;
}
/*****
/*      Funcao verifica status do Pid da extracao no Unix      */
*****/

int StatusProcUnixPid(int N)
{
    int w_ind_status_seq_unix_Pid;

    w_ind_status_seq_unix_Pid = CmdUnix ("-0",N);

    return w_ind_status_seq_unix_Pid;
}
/*****
/*      Funcao verifica status do PID da extracao no Unix      */
*****/

int CmdUnix (char *tipoParm, int numPid)
{
    int  verPid      = numPid;
    char cmd_shell_unix [15]="";
    char *tipo_Parm_unix = tipoParm;
    int  resCmd      = 0;

    sprintf(cmd_shell_unix,"kill %s %d",tipo_Parm_unix,verPid);
    resCmd = system(cmd_shell_unix);

    printf("cmd: %s - Resulta: %d\n",cmd_shell_unix,resCmd);

    return resCmd;
}
/*****
/* Devolve a palavra (Word) em S a partir da posicao Pos. */
*****/

char *mNextWord (const char *S,int Pos, char *Word, int Tamanho)
{
    int i, j = 0;
    char result[4096]="";

    for(i = Pos; i < Tamanho; i++)
    {

        result[j] = S[i];

```

```

j++;
}
memcpy (Word,result,strlen(result)+1);

return Word;

}
/*****/
void Get_Password()
{

char buf_aux[255];

sprintf(input_file_name, "/sistemas/INCORPORACAO/CTE/LCK/%s", usuario);

if((fp_input=fopen(input_file_name,"r")) == NULL)
{
    fprintf(fp_output, "[%s] Erro na abertura do arquivo restrito de senha.\n", CurrentDateTime(DataHora,1));
    fprintf(fp_output, "[%s] errno = %d.\n", CurrentDateTime(DataHora,1), errno );
    exit(1);
}

fread(buf_aux, 1, sizeof(buf_aux), fp_input);

int i, j = 0;
for(i = 0; buf_aux[i] != '\n'; i++)
{
    cPassword[j] = buf_aux[i];

    j++;
}
}

AssemblyInfo.cs
using System.Reflection;
using System.Runtime.CompilerServices;
using System.Runtime.InteropServices;

// General Information about an assembly is controlled through the following
// set of attributes. Change these attribute values to modify the information
// associated with an assembly.
[assembly: AssemblyTitle("bll")]
[assembly: AssemblyDescription("")]
[assembly: AssemblyConfiguration("")]
[assembly: AssemblyCompany("")]
[assembly: AssemblyProduct("bll")]
[assembly: AssemblyCopyright("Copyright © 2016")]
[assembly: AssemblyTrademark("")]
[assembly: AssemblyCulture("")]

```

```

// Setting ComVisible to false makes the types in this assembly not visible
// to COM components. If you need to access a type in this assembly from
// COM, set the ComVisible attribute to true on that type.
[assembly: ComVisible(false)]

// The following GUID is for the ID of the typelib if this project is exposed to COM
[assembly: Guid("09b46fd6-19f5-404e-a3e4-9af7e16fcc9e")]

// Version information for an assembly consists of the following four values:
//
//      Major Version
//      Minor Version
//      Build Number
//      Revision
//
// You can specify all the values or you can default the Build and Revision Numbers
// by using the '*' as shown below:
// [assembly: AssemblyVersion("1.0.*")]
[assembly: AssemblyVersion("1.0.0.0")]
[assembly: AssemblyFileVersion("1.0.0.0")]
TemporaryGeneratedFile_E7A71F73-0F8D-4B9B-B56E-8E70B10BC5D3.cs
TemporaryGeneratedFile_5937a670-0e60-4077-877b-f7221da3dda1.cs
TemporaryGeneratedFile_036C0B5B-1481-4323-8D20-8F5ADCB23D92.cs
BLLUsuario.cs
using CommonFrameWork;
using Dominio;
using System.Collections.Generic;

namespace BLL
{
    public class BLLUsuario
    {
        public IEnumerable<Usuario> Listar()
        {
            using (var dao = new DAL.DbUsuario())
            {
                return dao.Listar();
            }
        }

        public Usuario Seleccionar(decimal sqUsuario)
        {
            using (var dao = new DAL.DbUsuario())
            {
                return dao.Seleccionar(sqUsuario);
            }
        }

        public Usuario EfetuarLogin(string Login, string Senha)
        {
            using (var dao = new DAL.DbUsuario())

```



```

{
    Validador.Validar(!string.IsNullOrEmpty(Login), "Informe o login.");
    Validador.Validar(!string.IsNullOrEmpty(Senha), "Informe a senha.");

    var usuario = dao.EfetuarLogon(Login, Senha);

    Validador.Validar(usuario.SQ_USUARIO > 0, "Nenhum usuário encontrado para o login/senha
informados.");

    return usuario;
}
}

public IEnumerable<decimal> RetornaPrefeiturasPorUsuario(decimal SQ_USUARIO)
{
    using (var dao = new DAL.DbUsuario())
    {
        return dao.RetornaPrefeiturasPorUsuario(SQ_USUARIO);
    }
}

public void AtualizarSenha(string Senha, decimal SQ_USUARIO)
{
    using (var dao = new DAL.DbUsuario())
    {
        Validador.Validar(!string.IsNullOrEmpty(Senha), "Informe a senha.");
        Validador.Validar(SQ_USUARIO > 0, "Informe o usuário.");

        dao.AtualizarSenha(Senha, SQ_USUARIO);
    }
}

public void VincularPrefeituras(UsuarioPrefeitura usuarioPrefeitura)
{
    using (var dao = new DAL.DbUsuario())
    {
        Validador.Validar(usuarioPrefeitura.Usuario.SQ_USUARIO > 0, "Informe o usuário");

        dao.VincularPrefeituras(usuarioPrefeitura);
    }
}

public void Incluir(Usuario usuario)
{
    using (var dao = new DAL.DbUsuario())
    {
        Validador.Validar(!string.IsNullOrEmpty(usuario.NM_USUARIO), "Informe o nome do usuário.");
        Validador.Validar(!string.IsNullOrEmpty(usuario.LOGIN), "Informe o login.");
        Validador.Validar(!string.IsNullOrEmpty(usuario.SENHA), "Informe a senha.");
    }
}

```

```

        dao.Incluir(usuario);
    }
}

public void Excluir(decimal SQ_USUARIO)
{
    using (var dao = new DAL.DbUsuario())
    {

        Validador.Validar(SQ_USUARIO > 0, "Informe o usuário.");

        dao.Excluir(SQ_USUARIO);
    }
}
}
}

```

BLLPrefeitura.cs

```

using CommonFrameWork;
using Dominio;
using System.Collections.Generic;

```

namespace BLL

```

{
    public class BLLPrefeitura
    {

        public IEnumerable<Prefeitura> Listar()
        {
            using (var dao = new DAL.DbPrefeitura())
            {
                return dao.Listar();
            }
        }

        public Prefeitura Selecionar(decimal sqPrefeitura)
        {
            using (var dao = new DAL.DbPrefeitura())
            {
                return dao.Selecionar(sqPrefeitura);
            }
        }

        public void Incluir(Prefeitura prefeitura)
        {
            using (var dao = new DAL.DbPrefeitura())
            {

                Validador.Validar(!string.IsNullOrEmpty(prefeitura.NM_PREFEITURA), "Informe o nome da
prefeitura");
            }
        }
    }
}

```

```

        Validador.Validar(!string.IsNullOrEmpty(prefeitura.NM_PREFEITO), "Informe o nome do prefeito.");
        Validador.Validar(!string.IsNullOrEmpty(prefeitura.NM_CONTADOR), "Informe o nome do contador.");
        Validador.Validar(!string.IsNullOrEmpty(prefeitura.NM_LOGRADOURO), "Informe o logradouro.");
        Validador.Validar(!string.IsNullOrEmpty(prefeitura.NU_NUMERO), "Informe o número.");
        Validador.Validar(!string.IsNullOrEmpty(prefeitura.TX_COMPLEMENTO), "Informe o complemento.");
        Validador.Validar(!string.IsNullOrEmpty(prefeitura.TX_CONTATO), "Informe o contato.");

        dao.Incluir(prefeitura);
    }
}

public void Atualizar(Prefeitura prefeitura)
{
    using (var dao = new DAL.DbPrefeitura())
    {

        Validador.Validar(prefeitura.SQ_PREFEITURA > 0, "Selecione a prefeitura");
        Validador.Validar(!string.IsNullOrEmpty(prefeitura.NM_PREFEITURA), "Informe o nome da
prefeitura");
        Validador.Validar(!string.IsNullOrEmpty(prefeitura.NM_PREFEITO), "Informe o nome do prefeito.");
        Validador.Validar(!string.IsNullOrEmpty(prefeitura.NM_CONTADOR), "Informe o nome do contador.");
        Validador.Validar(!string.IsNullOrEmpty(prefeitura.NM_LOGRADOURO), "Informe o logradouro.");
        Validador.Validar(!string.IsNullOrEmpty(prefeitura.NU_NUMERO), "Informe o número.");
        Validador.Validar(!string.IsNullOrEmpty(prefeitura.TX_COMPLEMENTO), "Informe o complemento.");
        Validador.Validar(!string.IsNullOrEmpty(prefeitura.TX_CONTATO), "Informe o contato.");

        dao.Atualizar(prefeitura);
    }
}

public void Excluir(decimal SQ_PREFEITURA)
{
    using (var dao = new DAL.DbPrefeitura())
    {

        Validador.Validar(SQ_PREFEITURA > 0, "Informe a prefeitura.");

        dao.Excluir(SQ_PREFEITURA);
    }
}
}

BLLInformativoFiscal.cs
using CommonFrameWork;
using Dominio;
using System;
using System.Collections.Generic;
using System.Linq;
using System.Text;
using System.Threading.Tasks;

```

```

namespace BLL
{
    public class BLLInformativoFiscal
    {
        public IEnumerable<Referencia.InformativoFiscal> RetornarReferenciaPorInscricao(string ie)
        {
            using (var dao = new DAL.DbInformativoFiscal())
            {
                return dao.RetornarReferenciaPorInscricao(ie);
            }
        }

        public IEnumerable<ReferenciaInformativoFiscal> RetornalInformativoFiscalPorInscricaoReferencia(string ie,
decimal? referencia)
        {
            using (var dao = new DAL.DbInformativoFiscal())
            {
                return dao.RetornalInformativoFiscalPorInscricaoReferencia(ie, referencia);
            }
        }

        public InformativoFiscal RetornalInformativoFiscal(string ie, decimal referencia)
        {
            Validador.Validar(!string.IsNullOrEmpty(ie), "Informe a inscrição estadual.");
            Validador.Validar(referencia > 0, "Informe a referência.");

            using (var dao = new DAL.DbInformativoFiscal())
            {
                return dao.RetornalInformativoFiscal(ie, referencia);
            }
        }
    }
}

```

BLLGim.cs

```

using CommonFrameWork;
using Dominio;
using System;
using System.Collections.Generic;
using System.Linq;
using System.Text;
using System.Threading.Tasks;

```

```

namespace BLL
{
    public class BLLGim
    {
        public IEnumerable<Referencia.GIM> RetornarReferenciaPorInscricao(string ie)
        {
            using (var dao = new DAL.DbGIM())
            {

```

```

        return dao.RetornarReferenciaPorInscricao(ie);
    }
}

public IEnumerable<GIMReferencia> RetornaGIMPorInscricaoReferencia(string ie, decimal? referencia)
{
    Validador.Validar(!string.IsNullOrEmpty(ie), "Informe a inscrição estadual.");

    using (var dao = new DAL.DbGIM())
    {
        return dao.RetornaGIMPorInscricaoReferencia(ie, referencia);
    }
}

public GIM RetornaConsultaGuiaMensal(string ie, decimal referencia)
{
    Validador.Validar(!string.IsNullOrEmpty(ie), "Informe a inscrição estadual.");
    Validador.Validar(referencia > 0, "Informe a referencia.");

    using (var dao = new DAL.DbGIM())
    {
        return dao.RetornaConsultaGuiaMensal(ie, referencia);
    }
}

public IEnumerable<GIMDetalhe> RetornaConsultaGuiaMensalDetalhe(string ie, decimal referencia)
{
    Validador.Validar(!string.IsNullOrEmpty(ie), "Informe a inscrição estadual.");

    using (var dao = new DAL.DbGIM())
    {
        return dao.RetornaConsultaGuiaMensalDetalhe(ie, referencia);
    }
}
}
}

```

BLLContador.cs

```

using CommonFrameWork;
using Dominio;
using System;
using System.Collections.Generic;
using System.Linq;
using System.Text;
using System.Threading.Tasks;

```

namespace BLL

```

{
    public class BLLContador
    {
        public IEnumerable<Contador> Listar()
        {

```

```

        using (var dao = new DAL.DbContador())
        {
            return dao.Listar();
        }
    }

    public Contador Selecionar(decimal SQ_CONTADOR)
    {
        Validador.Validar(SQ_CONTADOR > 0, "Informe o contador.");

        using (var dao = new DAL.DbContador())
        {
            return dao.Selecionar(SQ_CONTADOR);
        }
    }

    public IEnumerable<Contribuinte> RetornaContribuintePorContador(decimal SQ_CONTADOR)
    {
        Validador.Validar(SQ_CONTADOR > 0, "Informe o contador.");

        using (var dao = new DAL.DbContador())
        {
            return dao.RetornaContribuintePorContador(SQ_CONTADOR);
        }
    }

    public void Excluir(decimal SQ_CONTADOR)
    {
        Validador.Validar(SQ_CONTADOR > 0, "Informe o contador.");

        using (var dao = new DAL.DbContador())
        {
            dao.Excluir(SQ_CONTADOR);
        }
    }

    public void Incluir(Contador contador)
    {
        Validador.Validar(contador.NU_CRC > 0, "Informe o CRC.");
        Validador.Validar(!string.IsNullOrEmpty(contador.NM_CONTADOR), "Informe o nome do contador.");
        Validador.Validar(!string.IsNullOrEmpty(contador.NM_LOGRADOURO), "Informe o logradouro.");
        Validador.Validar(!string.IsNullOrEmpty(contador.NU_LOGRADOURO), "Informe o número.");
        Validador.Validar(!string.IsNullOrEmpty(contador.NU_TELEFONE), "Informe um telefone para contato.");

        using (var dao = new DAL.DbContador())
        {
            dao.Incluir(contador);
        }
    }

    public void Atualizar(Contador contador)

```

```

{

    Validador.Validar(contador.SQ_CONTADOR > 0, "Informe um contador.");
    Validador.Validar(contador.NU_CRC > 0, "Informe o CRC.");
    Validador.Validar(!string.IsNullOrEmpty(contador.NM_CONTADOR), "Informe o nome do contador.");
    Validador.Validar(!string.IsNullOrEmpty(contador.NM_LOGRADOURO), "Informe o logradouro.");
    Validador.Validar(!string.IsNullOrEmpty(contador.NU_LOGRADOURO), "Informe o número.");
    Validador.Validar(!string.IsNullOrEmpty(contador.NU_TELEFONE), "Informe um telefone para contato.");

    using (var dao = new DAL.DbContador())
    {
        dao.Atualizar(contador);
    }
}
}

```

BLL.csproj

```

<?xml version="1.0" encoding="utf-8"?>
<Project ToolsVersion="14.0" DefaultTargets="Build" xmlns="http://schemas.microsoft.com/developer/msbuild/2003">
  <Import Project="$(MSBuildExtensionsPath)\$(MSBuildToolsVersion)\Microsoft.Common.props"
    Condition="Exists('$(MSBuildExtensionsPath)\$(MSBuildToolsVersion)\Microsoft.Common.props')" />
  <PropertyGroup>
    <Configuration Condition=" '$(Configuration)' == '' ">Debug</Configuration>
    <Platform Condition=" '$(Platform)' == '' ">AnyCPU</Platform>
    <ProjectGuid>{09B46FD6-19F5-404E-A3E4-9AF7E16FCC9E}</ProjectGuid>
    <OutputType>Library</OutputType>
    <AppDesignerFolder>Properties</AppDesignerFolder>
    <RootNamespace>BLL</RootNamespace>
    <AssemblyName>BLL</AssemblyName>
    <TargetFrameworkVersion>v4.5.2</TargetFrameworkVersion>
    <FileAlignment>512</FileAlignment>
  </PropertyGroup>
  <PropertyGroup Condition=" '$(Configuration)|$(Platform)' == 'Debug|AnyCPU' ">
    <DebugSymbols>>true</DebugSymbols>
    <DebugType>full</DebugType>
    <Optimize>>false</Optimize>
    <OutputPath>bin\Debug\</OutputPath>
    <DefineConstants>DEBUG;TRACE</DefineConstants>
    <ErrorReport>prompt</ErrorReport>
    <WarningLevel>4</WarningLevel>
  </PropertyGroup>
  <PropertyGroup Condition=" '$(Configuration)|$(Platform)' == 'Release|AnyCPU' ">
    <DebugType>pdbonly</DebugType>
    <Optimize>>true</Optimize>
    <OutputPath>bin\Release\</OutputPath>
    <DefineConstants>TRACE</DefineConstants>
    <ErrorReport>prompt</ErrorReport>
    <WarningLevel>4</WarningLevel>
  </PropertyGroup>
  <ItemGroup>
    <Reference Include="System" />

```

```

<Reference Include="System.Core" />
<Reference Include="System.Xml.Linq" />
<Reference Include="System.Data.DataSetExtensions" />
<Reference Include="Microsoft.CSharp" />
<Reference Include="System.Data" />
<Reference Include="System.Net.Http" />
<Reference Include="System.Xml" />
</ItemGroup>
<ItemGroup>
  <Compile Include="BLLContador.cs" />
  <Compile Include="BLLGim.cs" />
  <Compile Include="BLLInformativoFiscal.cs" />
  <Compile Include="BLLPrefeitura.cs" />
  <Compile Include="Properties\AssemblyInfo.cs" />
  <Compile Include="BLLUuario.cs" />
</ItemGroup>
<ItemGroup>
  <ProjectReference Include="..\dal\DAL.csproj">
    <Project>{39f1c046-4d47-42e9-9e3b-552d80ac63c7}</Project>
    <Name>DAL</Name>
  </ProjectReference>
  <ProjectReference Include="..\framework\Framework.csproj">
    <Project>{cda58391-12ed-4f44-a5a5-2159727b6a2a}</Project>
    <Name>Framework</Name>
  </ProjectReference>
  <ProjectReference Include="..\presenter\Dominio.csproj">
    <Project>{0373cb03-5c3d-4246-aa2c-34d66f244ff2}</Project>
    <Name>Dominio</Name>
  </ProjectReference>
</ItemGroup>
<Import Project="$(MSBuildToolsPath)\Microsoft.CSharp.targets" />
<!-- To modify your build process, add your task inside one of the targets below and uncomment it.
     Other similar extension points exist, see Microsoft.Common.targets.
  <Target Name="BeforeBuild">
  </Target>
  <Target Name="AfterBuild">
  </Target>
-->
</Project>
applicationhost.config
<?xml version="1.0" encoding="UTF-8"?>
<!--

```

IIS configuration sections.

For schema documentation, see  
 %IIS\_BIN%\config\schema\IIS\_schema.xml.

Please make a backup of this file before making any changes to it.

NOTE: The following environment variables are available to be used



within this file and are understood by the IIS Express.

%IIS\_USER\_HOME% - The IIS Express home directory for the user

%IIS\_SITES\_HOME% - The default home directory for sites

%IIS\_BIN% - The location of the IIS Express binaries

%SYSTEMDRIVE% - The drive letter of %IIS\_BIN%

-->

<configuration>

<!--

The <configSections> section controls the registration of sections.

Section is the basic unit of deployment, locking, searching and containment for configuration settings.

Every section belongs to one section group.

A section group is a container of logically-related sections.

Sections cannot be nested.

Section groups may be nested.

<section

name="" [Required, Collection Key] [XML name of the section]

allowDefinition="Everywhere" [MachineOnly|MachineToApplication|AppHostOnly|Everywhere] [Level where it can be set]

overrideModeDefault="Allow" [Allow|Deny] [Default delegation mode]

allowLocation="true" [true|false] [Allowed in location tags]

/>

The recommended way to unlock sections is by using a location tag:

<location path="Default Web Site" overrideMode="Allow">

<system.webServer>

<asp />

</system.webServer>

</location>

-->

<configSections>

<sectionGroup name="system.applicationHost">

<section name="applicationPools" allowDefinition="AppHostOnly" overrideModeDefault="Deny" />

<section name="configHistory" allowDefinition="AppHostOnly" overrideModeDefault="Deny" />

<section name="customMetadata" allowDefinition="AppHostOnly" overrideModeDefault="Deny" />

<section name="listenerAdapters" allowDefinition="AppHostOnly" overrideModeDefault="Deny" />

<section name="log" allowDefinition="AppHostOnly" overrideModeDefault="Deny" />

<section name="serviceAutoStartProviders" allowDefinition="AppHostOnly" overrideModeDefault="Deny" />

<section name="sites" allowDefinition="AppHostOnly" overrideModeDefault="Deny" />

<section name="webLimits" allowDefinition="AppHostOnly" overrideModeDefault="Deny" />

</sectionGroup>

```

<sectionGroup name="system.webServer">
  <section name="asp" overrideModeDefault="Deny" />
  <section name="caching" overrideModeDefault="Allow" />
  <section name="cgi" overrideModeDefault="Deny" />
  <section name="defaultDocument" overrideModeDefault="Allow" />
  <section name="directoryBrowse" overrideModeDefault="Allow" />
  <section name="fastCgi" allowDefinition="AppHostOnly" overrideModeDefault="Deny" />
  <section name="globalModules" allowDefinition="AppHostOnly" overrideModeDefault="Deny" />
  <section name="handlers" overrideModeDefault="Deny" />
  <section name="httpCompression" overrideModeDefault="Allow" />
  <section name="httpErrors" overrideModeDefault="Allow" />
  <section name="httpLogging" overrideModeDefault="Deny" />
  <section name="httpProtocol" overrideModeDefault="Allow" />
  <section name="httpRedirect" overrideModeDefault="Allow" />
  <section name="httpTracing" overrideModeDefault="Deny" />
  <section name="isapiFilters" allowDefinition="MachineToApplication" overrideModeDefault="Deny" />
  <section name="modules" allowDefinition="MachineToApplication" overrideModeDefault="Deny" />
  <section name="applicationInitialization" allowDefinition="MachineToApplication" overrideModeDefault="Allow"
/>

  <section name="odbcLogging" overrideModeDefault="Deny" />
  <sectionGroup name="security">
    <section name="access" overrideModeDefault="Deny" />
    <section name="applicationDependencies" overrideModeDefault="Deny" />
    <sectionGroup name="authentication">
      <section name="anonymousAuthentication" overrideModeDefault="Deny" />
      <section name="basicAuthentication" overrideModeDefault="Deny" />
      <section name="clientCertificateMappingAuthentication" overrideModeDefault="Deny" />
      <section name="digestAuthentication" overrideModeDefault="Deny" />
      <section name="iisClientCertificateMappingAuthentication" overrideModeDefault="Deny" />
      <section name="windowsAuthentication" overrideModeDefault="Deny" />
    </sectionGroup>
    <section name="authorization" overrideModeDefault="Allow" />
    <section name="ipSecurity" overrideModeDefault="Deny" />
    <section name="dynamicIpSecurity" overrideModeDefault="Deny" />
    <section name="isapiCgiRestriction" allowDefinition="AppHostOnly" overrideModeDefault="Deny" />
    <section name="requestFiltering" overrideModeDefault="Allow" />
  </sectionGroup>
  <section name="serverRuntime" overrideModeDefault="Deny" />
  <section name="serverSideInclude" overrideModeDefault="Deny" />
  <section name="staticContent" overrideModeDefault="Allow" />
  <sectionGroup name="tracing">
    <section name="traceFailedRequests" overrideModeDefault="Allow" />
    <section name="traceProviderDefinitions" overrideModeDefault="Deny" />
  </sectionGroup>
  <section name="urlCompression" overrideModeDefault="Allow" />
  <section name="validation" overrideModeDefault="Allow" />
  <sectionGroup name="webdav">
    <section name="globalSettings" overrideModeDefault="Deny" />
    <section name="authoring" overrideModeDefault="Deny" />
    <section name="authoringRules" overrideModeDefault="Deny" />
  </sectionGroup>

```

```

<sectionGroup name="rewrite">
  <section name="allowedServerVariables" overrideModeDefault="Deny" />
  <section name="rules" overrideModeDefault="Allow" />
  <section name="outboundRules" overrideModeDefault="Allow" />
  <section name="globalRules" overrideModeDefault="Deny" allowDefinition="AppHostOnly" />
  <section name="providers" overrideModeDefault="Allow" />
  <section name="rewriteMaps" overrideModeDefault="Allow" />
</sectionGroup>
<section name="webSocket" overrideModeDefault="Deny" />
</sectionGroup>
</configSections>

<configProtectedData>
  <providers>
    <add name="IISWASOnlyRsaProvider" type="" description="Uses RsaCryptoServiceProvider to encrypt and
decrypt" keyContainerName="iisWasKey" cspProviderName="" useMachineContainer="true" useOAEP="false" />
    <add name="AesProvider" type="Microsoft.ApplicationHost.AesProtectedConfigurationProvider"
description="Uses an AES session key to encrypt and decrypt" keyContainerName="iisConfigurationKey"
cspProviderName="" useOAEP="false" useMachineContainer="true"
sessionKey="AQIAAA5mAAApAAAKmFQvWHDEETRz8l2bjZIRxIkwcqTFaCUnCLln3Q1OkesrhEO9YyLyx4bUhsj1/
DyShAv7OAFfhXlrlomaornnk5PLeyO4lIXxaiT33yOFUUGxDx4GSaygkqghVV0tO5yQ/XguUBp2juMfZyztnsNa4pLcz7Z
NZQ6p4yn9hxnNs=" />
    <add name="IISWASOnlyAesProvider" type="Microsoft.ApplicationHost.AesProtectedConfigurationProvider"
description="Uses an AES session key to encrypt and decrypt" keyContainerName="iisWasKey" cspProviderName=""
useOAEP="false" useMachineContainer="true"
sessionKey="AQIAAA5mAAApAAA4WoiRJ8KHwzAG8AgejPxEOO4/2Vhkolbwo/8gZeNdUDSD36m55hWv4uC9tr/MI
KdnwRLL0NhT50Gccyftqz5xTZ0dg5FtvQhTw/he1NwexTKbV+l4Zrd+sZUqHZTs7JiEr6OHGXL70qolSW5G2m9U8w
KT3caPiDPNj2aAaYPLo=" />
  </providers>
</configProtectedData>

<system.applicationHost>

  <applicationPools>
    <add name="Clr4IntegratedAppPool" managedRuntimeVersion="v4.0" managedPipelineMode="Integrated"
CLRConfigFile="%IIS_USER_HOME%\config\aspnet.config" autoStart="true" />
    <add name="Clr4ClassicAppPool" managedRuntimeVersion="v4.0" managedPipelineMode="Classic"
CLRConfigFile="%IIS_USER_HOME%\config\aspnet.config" autoStart="true" />
    <add name="Clr2IntegratedAppPool" managedRuntimeVersion="v2.0" managedPipelineMode="Integrated"
CLRConfigFile="%IIS_USER_HOME%\config\aspnet.config" autoStart="true" />
    <add name="Clr2ClassicAppPool" managedRuntimeVersion="v2.0" managedPipelineMode="Classic"
CLRConfigFile="%IIS_USER_HOME%\config\aspnet.config" autoStart="true" />
    <add name="UnmanagedClassicAppPool" managedRuntimeVersion="" managedPipelineMode="Classic"
autoStart="true" />
    <applicationPoolDefaults managedRuntimeLoader="v4.0">
      <processModel />
    </applicationPoolDefaults>
  </applicationPools>

<!--

```

The <listenerAdapters> section defines the protocols with which the Windows Process Activation Service (WAS) binds.

-->

```
<listenerAdapters>
  <add name="http" />
</listenerAdapters>
```

```
<sites>
  <site name="WebSite1" id="1" serverAutoStart="true">
    <application path="/">
      <virtualDirectory path="/" physicalPath="%IIS_SITES_HOME%\WebSite1" />
    </application>
    <bindings>
      <binding protocol="http" bindingInformation=":8080:localhost" />
    </bindings>
  </site>
  <site name="siva.api" id="2">
    <application path="/" applicationPool="Clr4IntegratedAppPool">
      <virtualDirectory path="/" physicalPath="C:\inetpub\wwwroot\projetos_git\siva\siva\slSiva\siva.api" />
    </application>
    <bindings>
      <binding protocol="http" bindingInformation="*:50425:localhost" />
    </bindings>
  </site>
  <siteDefaults>
    <logFile logFormat="W3C" directory="%IIS_USER_HOME%\Logs" />
    <traceFailedRequestsLogging directory="%IIS_USER_HOME%\TraceLogFiles" enabled="true"
maxLogFileSizeKB="1024" />
  </siteDefaults>
  <applicationDefaults applicationPool="Clr4IntegratedAppPool" />
  <virtualDirectoryDefaults allowSubDirConfig="true" />
</sites>
```

```
<webLimits />
```

```
</system.applicationHost>
```

```
<system.webServer>
```

```
<serverRuntime />
```

```
<asp scriptErrorSentToBrowser="true">
  <cache diskTemplateCacheDirectory="%TEMP%\iisexpress\ASP Compiled Templates" />
  <limits />
</asp>
```

```
<caching enabled="true" enableKernelCache="true">
</caching>
```

```
<cgi />
```

```

<defaultDocument enabled="true">
  <files>
    <add value="Default.htm" />
    <add value="Default.asp" />
    <add value="index.htm" />
    <add value="index.html" />
    <add value="iisstart.htm" />
    <add value="default.aspx" />
  </files>
</defaultDocument>

```

```

<directoryBrowse enabled="false" />

```

```

<fastCgi />

```

```

<!--

```

The <globalModules> section defines all native-code modules.

To enable a module, specify it in the <modules> section.

```

-->

```

```

<globalModules>
  <add name="HttpLoggingModule" image="%IIS_BIN%\loghttp.dll" />
  <add name="UriCacheModule" image="%IIS_BIN%\cachuri.dll" />
<!--      <add name="FileCacheModule" image="%IIS_BIN%\cachfile.dll" /> -->
  <add name="TokenCacheModule" image="%IIS_BIN%\cachtokn.dll" />
<!--      <add name="HttpCacheModule" image="%IIS_BIN%\cachhttp.dll" /> -->
  <add name="DynamicCompressionModule" image="%IIS_BIN%\compdyn.dll" />
  <add name="StaticCompressionModule" image="%IIS_BIN%\compstat.dll" />
  <add name="DefaultDocumentModule" image="%IIS_BIN%\defdoc.dll" />
  <add name="DirectoryListingModule" image="%IIS_BIN%\dirlist.dll" />
  <add name="ProtocolSupportModule" image="%IIS_BIN%\protsup.dll" />
  <add name="HttpRedirectionModule" image="%IIS_BIN%\redirect.dll" />
  <add name="ServerSideIncludeModule" image="%IIS_BIN%\iis_ssi.dll" />
  <add name="StaticFileModule" image="%IIS_BIN%\static.dll" />
  <add name="AnonymousAuthenticationModule" image="%IIS_BIN%\authanon.dll" />
  <add name="CertificateMappingAuthenticationModule" image="%IIS_BIN%\authcert.dll" />
  <add name="UrlAuthorizationModule" image="%IIS_BIN%\urlauthz.dll" />
  <add name="BasicAuthenticationModule" image="%IIS_BIN%\authbas.dll" />
  <add name="WindowsAuthenticationModule" image="%IIS_BIN%\authsspi.dll" />
<!--      <add name="DigestAuthenticationModule" image="%IIS_BIN%\authmd5.dll" /> -->
  <add name="IISCertificateMappingAuthenticationModule" image="%IIS_BIN%\authmap.dll" />
  <add name="IpRestrictionModule" image="%IIS_BIN%\iprestr.dll" />
  <add name="DynamicIpRestrictionModule" image="%IIS_BIN%\diprestr.dll" />
  <add name="RequestFilteringModule" image="%IIS_BIN%\modrqflt.dll" />
  <add name="CustomLoggingModule" image="%IIS_BIN%\logcust.dll" />
  <add name="CustomErrorModule" image="%IIS_BIN%\custerr.dll" />
<!--      <add name="TracingModule" image="%IIS_BIN%\iisetw.dll" /> -->
  <add name="FailedRequestsTracingModule" image="%IIS_BIN%\iisfreb.dll" />
  <add name="RequestMonitorModule" image="%IIS_BIN%\iisreqs.dll" />

```

```

<add name="IsapiModule" image="%IIS_BIN%\isapi.dll" />
<add name="IsapiFilterModule" image="%IIS_BIN%\filter.dll" />
<add name="CgiModule" image="%IIS_BIN%\cgi.dll" />
<add name="FastCgiModule" image="%IIS_BIN%\iisfcgi.dll" />
<!--      <add name="WebDAVModule" image="%IIS_BIN%\webdav.dll" /> -->
<add name="RewriteModule" image="%IIS_BIN%\rewrite.dll" />
<add name="ConfigurationValidationModule" image="%IIS_BIN%\validcfg.dll" />
<add name="WebSocketModule" image="%IIS_BIN%\iiswsock.dll" />
<add name="WebMatrixSupportModule" image="%IIS_BIN%\webmatrixsup.dll" />
<add name="ManagedEngine" image="%windir%\Microsoft.NET\Framework\v2.0.50727\webengine.dll"
preCondition="integratedMode, runtimeVersionv2.0, bitness32" />
      <add name="ManagedEngine64" image="%windir%\Microsoft.NET\Framework64\v2.0.50727\webengine.dll"
preCondition="integratedMode, runtimeVersionv2.0, bitness64" />
      <add name="ManagedEngineV4.0_32bit"
image="%windir%\Microsoft.NET\Framework\v4.0.30319\webengine4.dll"
preCondition="integratedMode, runtimeVersionv4.0, bitness32" />
      <add name="ManagedEngineV4.0_64bit"
image="%windir%\Microsoft.NET\Framework64\v4.0.30319\webengine4.dll"
preCondition="integratedMode, runtimeVersionv4.0, bitness64" />
      <add name="ApplicationInitializationModule" image="%IIS_BIN%\warmup.dll" />
</globalModules>

```

```

<httpCompression directory="%TEMP%\iisexpress\IIS Temporary Compressed Files">
  <scheme name="gzip" dll="%IIS_BIN%\gzip.dll" />
  <dynamicTypes>
    <add mimeType="text/*" enabled="true" />
    <add mimeType="message/*" enabled="true" />
    <add mimeType="application/javascript" enabled="true" />
    <add mimeType="application/atom+xml" enabled="true" />
    <add mimeType="application/xaml+xml" enabled="true" />
    <add mimeType="*/*" enabled="false" />
  </dynamicTypes>
  <staticTypes>
    <add mimeType="text/*" enabled="true" />
    <add mimeType="message/*" enabled="true" />
    <add mimeType="image/svg+xml" enabled="true" />
    <add mimeType="application/javascript" enabled="true" />
    <add mimeType="application/atom+xml" enabled="true" />
    <add mimeType="application/xaml+xml" enabled="true" />
    <add mimeType="*/*" enabled="false" />
  </staticTypes>
</httpCompression>

```

```

<httpErrors lockAttributes="allowAbsolutePathsWhenDelegated,defaultPath">
  <error statusCode="401" prefixLanguageFilePath="%IIS_BIN%\custerr" path="401.htm" />
  <error statusCode="403" prefixLanguageFilePath="%IIS_BIN%\custerr" path="403.htm" />
  <error statusCode="404" prefixLanguageFilePath="%IIS_BIN%\custerr" path="404.htm" />
  <error statusCode="405" prefixLanguageFilePath="%IIS_BIN%\custerr" path="405.htm" />
  <error statusCode="406" prefixLanguageFilePath="%IIS_BIN%\custerr" path="406.htm" />
  <error statusCode="412" prefixLanguageFilePath="%IIS_BIN%\custerr" path="412.htm" />
  <error statusCode="500" prefixLanguageFilePath="%IIS_BIN%\custerr" path="500.htm" />

```

```

    <error statusCode="501" prefixLanguageFilePath="%IIS_BIN%\custerr" path="501.htm" />
    <error statusCode="502" prefixLanguageFilePath="%IIS_BIN%\custerr" path="502.htm" />
</httpErrors>

<httpLogging dontLog="false" />

<httpProtocol>
    <customHeaders>
        <clear />
        <add name="X-Powered-By" value="ASP.NET" />
    </customHeaders>
    <redirectHeaders>
        <clear />
    </redirectHeaders>
</httpProtocol>

<httpRedirect enabled="false" />

<httpTracing>
</httpTracing>

<isapiFilters>
    <filter name="ASP.Net_2.0.50727-64"
path="%windir%\Microsoft.NET\Framework64\v2.0.50727\aspnet_filter.dll" enableCache="true"
preCondition="bitness64, runtimeVersionv2.0" />
    <filter name="ASP.Net_2.0.50727.0" path="%windir%\Microsoft.NET\Framework\v2.0.50727\aspnet_filter.dll"
enableCache="true" preCondition="bitness32, runtimeVersionv2.0" />
    <filter name="ASP.Net_2.0_for_v1.1" path="%windir%\Microsoft.NET\Framework\v2.0.50727\aspnet_filter.dll"
enableCache="true" preCondition="runtimeVersionv1.1" />
    <filter name="ASP.Net_4.0_32bit" path="%windir%\Microsoft.NET\Framework\v4.0.30319\aspnet_filter.dll"
enableCache="true" preCondition="bitness32, runtimeVersionv4.0" />
    <filter name="ASP.Net_4.0_64bit" path="%windir%\Microsoft.NET\Framework64\v4.0.30319\aspnet_filter.dll"
enableCache="true" preCondition="bitness64, runtimeVersionv4.0" />
</isapiFilters>

<odbcLogging />

<security>

    <access sslFlags="None" />

    <applicationDependencies>
        <application name="Active Server Pages" groupId="ASP" />
    </applicationDependencies>

    <authentication>

        <anonymousAuthentication enabled="true" userName="" />

        <basicAuthentication enabled="false" />

```

<clientCertificateMappingAuthentication enabled="false" />

<digestAuthentication enabled="false" />

<iisClientCertificateMappingAuthentication enabled="false">

</iisClientCertificateMappingAuthentication>

<windowsAuthentication enabled="false">

<providers>

<add value="Negotiate" />

<add value="NTLM" />

</providers>

</windowsAuthentication>

</authentication>

<authorization>

<add accessType="Allow" users="\*" />

</authorization>

<ipSecurity allowUnlisted="true" />

<isapiCgiRestriction notListedIsapisAllowed="true" notListedCgisAllowed="true">

<add path="%windir%\Microsoft.NET\Framework64\v4.0.30319\webengine4.dll" allowed="true"  
groupId="ASP.NET\_v4.0" description="ASP.NET\_v4.0" />

<add path="%windir%\Microsoft.NET\Framework\v4.0.30319\webengine4.dll" allowed="true"  
groupId="ASP.NET\_v4.0" description="ASP.NET\_v4.0" />

<add path="%windir%\Microsoft.NET\Framework64\v2.0.50727\aspnet\_isapi.dll" allowed="true"  
groupId="ASP.NET v2.0.50727" description="ASP.NET v2.0.50727" />

<add path="%windir%\Microsoft.NET\Framework\v2.0.50727\aspnet\_isapi.dll" allowed="true"  
groupId="ASP.NET v2.0.50727" description="ASP.NET v2.0.50727" />

</isapiCgiRestriction>

<requestFiltering>

<fileExtensions allowUnlisted="true" applyToWebDAV="true">

<add fileExtension=".asa" allowed="false" />

<add fileExtension=".asax" allowed="false" />

<add fileExtension=".ascx" allowed="false" />

<add fileExtension=".master" allowed="false" />

<add fileExtension=".skin" allowed="false" />

<add fileExtension=".browser" allowed="false" />

<add fileExtension=".sitemap" allowed="false" />

<add fileExtension=".config" allowed="false" />

<add fileExtension=".cs" allowed="false" />

<add fileExtension=".csproj" allowed="false" />

<add fileExtension=".vb" allowed="false" />

<add fileExtension=".vbproj" allowed="false" />

<add fileExtension=".webinfo" allowed="false" />

<add fileExtension=".licx" allowed="false" />

<add fileExtension=".resx" allowed="false" />

<add fileExtension=".resources" allowed="false" />



```

<add fileExtension=".mdb" allowed="false" />
<add fileExtension=".vjsproj" allowed="false" />
<add fileExtension=".java" allowed="false" />
<add fileExtension=".jsl" allowed="false" />
<add fileExtension=".ldb" allowed="false" />
<add fileExtension=".dsdgm" allowed="false" />
<add fileExtension=".ssdgm" allowed="false" />
<add fileExtension=".lsad" allowed="false" />
<add fileExtension=".ssmap" allowed="false" />
<add fileExtension=".cd" allowed="false" />
<add fileExtension=".dsprototype" allowed="false" />
<add fileExtension=".lsaprototype" allowed="false" />
<add fileExtension=".sdm" allowed="false" />
<add fileExtension=".sdmDocument" allowed="false" />
<add fileExtension=".mdf" allowed="false" />
<add fileExtension=".ldf" allowed="false" />
<add fileExtension=".ad" allowed="false" />
<add fileExtension=".dd" allowed="false" />
<add fileExtension=".ldd" allowed="false" />
<add fileExtension=".sd" allowed="false" />
<add fileExtension=".adprototype" allowed="false" />
<add fileExtension=".lddprototype" allowed="false" />
<add fileExtension=".exclude" allowed="false" />
<add fileExtension=".refresh" allowed="false" />
<add fileExtension=".compiled" allowed="false" />
<add fileExtension=".msgx" allowed="false" />
<add fileExtension=".vsdisco" allowed="false" />
<add fileExtension=".rules" allowed="false" />
</fileExtensions>
<verbs allowUnlisted="true" applyToWebDAV="true" />
<hiddenSegments applyToWebDAV="true">
  <add segment="web.config" />
  <add segment="bin" />
  <add segment="App_code" />
  <add segment="App_GlobalResources" />
  <add segment="App_LocalResources" />
  <add segment="App_WebReferences" />
  <add segment="App_Data" />
  <add segment="App_Browsers" />
</hiddenSegments>
</requestFiltering>

</security>

<serverSideInclude ssiExecDisable="false" />

<staticContent lockAttributes="isDocFooterFileName">
  <mimeMap fileExtension=".323" mimeType="text/h323" />
  <mimeMap fileExtension=".3g2" mimeType="video/3gpp2" />
  <mimeMap fileExtension=".3gp2" mimeType="video/3gpp2" />
  <mimeMap fileExtension=".3gp" mimeType="video/3gpp" />

```

```
<mimeMap fileExtension=".3gpp" mimeType="video/3gpp" />
<mimeMap fileExtension=".aac" mimeType="audio/aac" />
<mimeMap fileExtension=".aaf" mimeType="application/octet-stream" />
<mimeMap fileExtension=".aca" mimeType="application/octet-stream" />
<mimeMap fileExtension=".accdb" mimeType="application/msaccess" />
<mimeMap fileExtension=".accde" mimeType="application/msaccess" />
<mimeMap fileExtension=".accdt" mimeType="application/msaccess" />
<mimeMap fileExtension=".acx" mimeType="application/internet-property-stream" />
<mimeMap fileExtension=".adt" mimeType="audio/vnd.dlna.adts" />
<mimeMap fileExtension=".adts" mimeType="audio/vnd.dlna.adts" />
<mimeMap fileExtension=".afm" mimeType="application/octet-stream" />
<mimeMap fileExtension=".ai" mimeType="application/postscript" />
<mimeMap fileExtension=".aif" mimeType="audio/x-aiff" />
<mimeMap fileExtension=".aifc" mimeType="audio/aiff" />
<mimeMap fileExtension=".aiff" mimeType="audio/aiff" />
<mimeMap fileExtension=".appcache" mimeType="text/cache-manifest" />
<mimeMap fileExtension=".application" mimeType="application/x-ms-application" />
<mimeMap fileExtension=".art" mimeType="image/x-jg" />
<mimeMap fileExtension=".asd" mimeType="application/octet-stream" />
<mimeMap fileExtension=".asf" mimeType="video/x-ms-asf" />
<mimeMap fileExtension=".asi" mimeType="application/octet-stream" />
<mimeMap fileExtension=".asm" mimeType="text/plain" />
<mimeMap fileExtension=".asr" mimeType="video/x-ms-asf" />
<mimeMap fileExtension=".asx" mimeType="video/x-ms-asf" />
<mimeMap fileExtension=".atom" mimeType="application/atom+xml" />
<mimeMap fileExtension=".au" mimeType="audio/basic" />
<mimeMap fileExtension=".avi" mimeType="video/msvideo" />
<mimeMap fileExtension=".axs" mimeType="application/olescript" />
<mimeMap fileExtension=".bas" mimeType="text/plain" />
<mimeMap fileExtension=".bcpio" mimeType="application/x-bcpio" />
<mimeMap fileExtension=".bin" mimeType="application/octet-stream" />
<mimeMap fileExtension=".bmp" mimeType="image/bmp" />
<mimeMap fileExtension=".c" mimeType="text/plain" />
<mimeMap fileExtension=".cab" mimeType="application/vnd.ms-cab-compressed" />
<mimeMap fileExtension=".calx" mimeType="application/vnd.ms-office.calx" />
<mimeMap fileExtension=".cat" mimeType="application/vnd.ms-pki.seccat" />
<mimeMap fileExtension=".cdf" mimeType="application/x-cdf" />
<mimeMap fileExtension=".chm" mimeType="application/octet-stream" />
<mimeMap fileExtension=".class" mimeType="application/x-java-applet" />
<mimeMap fileExtension=".clp" mimeType="application/x-msclip" />
<mimeMap fileExtension=".cmx" mimeType="image/x-cmx" />
<mimeMap fileExtension=".cnf" mimeType="text/plain" />
<mimeMap fileExtension=".cod" mimeType="image/cis-cod" />
<mimeMap fileExtension=".cpio" mimeType="application/x-cpio" />
<mimeMap fileExtension=".cpp" mimeType="text/plain" />
<mimeMap fileExtension=".crd" mimeType="application/x-mscardfile" />
<mimeMap fileExtension=".crl" mimeType="application/pkix-crl" />
<mimeMap fileExtension=".crt" mimeType="application/x-x509-ca-cert" />
<mimeMap fileExtension=".csh" mimeType="application/x-csh" />
<mimeMap fileExtension=".css" mimeType="text/css" />
<mimeMap fileExtension=".csv" mimeType="application/octet-stream" />
```

```
<mimeMap fileExtension=".cur" mimeType="application/octet-stream" />
<mimeMap fileExtension=".dcr" mimeType="application/x-director" />
<mimeMap fileExtension=".deploy" mimeType="application/octet-stream" />
<mimeMap fileExtension=".der" mimeType="application/x-x509-ca-cert" />
<mimeMap fileExtension=".dib" mimeType="image/bmp" />
<mimeMap fileExtension=".dir" mimeType="application/x-director" />
<mimeMap fileExtension=".disco" mimeType="text/xml" />
<mimeMap fileExtension=".dll" mimeType="application/x-msdownload" />
<mimeMap fileExtension=".dll.config" mimeType="text/xml" />
<mimeMap fileExtension=".dln" mimeType="text/dln" />
<mimeMap fileExtension=".doc" mimeType="application/msword" />
<mimeMap fileExtension=".docm" mimeType="application/vnd.ms-word.document.macroEnabled.12" />
<mimeMap fileExtension=".docx" mimeType="application/vnd.openxmlformats-officedocument.wordprocessingml.document" />
<mimeMap fileExtension=".dot" mimeType="application/msword" />
<mimeMap fileExtension=".dotm" mimeType="application/vnd.ms-word.template.macroEnabled.12" />
<mimeMap fileExtension=".dotx" mimeType="application/vnd.openxmlformats-officedocument.wordprocessingml.template" />
<mimeMap fileExtension=".dsp" mimeType="application/octet-stream" />
<mimeMap fileExtension=".dtd" mimeType="text/xml" />
<mimeMap fileExtension=".dvi" mimeType="application/x-dvi" />
<mimeMap fileExtension=".dvr-ms" mimeType="video/x-ms-dvr" />
<mimeMap fileExtension=".dwf" mimeType="drawing/x-dwf" />
<mimeMap fileExtension=".dwp" mimeType="application/octet-stream" />
<mimeMap fileExtension=".dxx" mimeType="application/x-director" />
<mimeMap fileExtension=".eml" mimeType="message/rfc822" />
<mimeMap fileExtension=".emz" mimeType="application/octet-stream" />
<mimeMap fileExtension=".eot" mimeType="application/vnd.ms-fontobject" />
<mimeMap fileExtension=".eps" mimeType="application/postscript" />
<mimeMap fileExtension=".etx" mimeType="text/x-setext" />
<mimeMap fileExtension=".evy" mimeType="application/envoy" />
<mimeMap fileExtension=".exe" mimeType="application/octet-stream" />
<mimeMap fileExtension=".exe.config" mimeType="text/xml" />
<mimeMap fileExtension=".fdf" mimeType="application/vnd.fdf" />
<mimeMap fileExtension=".fif" mimeType="application/fractals" />
<mimeMap fileExtension=".fla" mimeType="application/octet-stream" />
<mimeMap fileExtension=".flr" mimeType="x-world/x-vrml" />
<mimeMap fileExtension=".flv" mimeType="video/x-flv" />
<mimeMap fileExtension=".gif" mimeType="image/gif" />
<mimeMap fileExtension=".gtar" mimeType="application/x-gtar" />
<mimeMap fileExtension=".gz" mimeType="application/x-gzip" />
<mimeMap fileExtension=".h" mimeType="text/plain" />
<mimeMap fileExtension=".hdf" mimeType="application/x-hdf" />
<mimeMap fileExtension=".html" mimeType="text/x-html" />
<mimeMap fileExtension=".hhc" mimeType="application/x-oleobject" />
<mimeMap fileExtension=".hhk" mimeType="application/octet-stream" />
<mimeMap fileExtension=".hhp" mimeType="application/octet-stream" />
<mimeMap fileExtension=".hlp" mimeType="application/winhelp" />
<mimeMap fileExtension=".hqx" mimeType="application/mac-binhex40" />
<mimeMap fileExtension=".hta" mimeType="application/hta" />
<mimeMap fileExtension=".htc" mimeType="text/x-component" />
```

```
<mimeMap fileExtension=".htm" mimeType="text/html" />
<mimeMap fileExtension=".html" mimeType="text/html" />
<mimeMap fileExtension=".htt" mimeType="text/webviewhtml" />
<mimeMap fileExtension=".hxt" mimeType="text/html" />
<mimeMap fileExtension=".ico" mimeType="image/x-icon" />
<mimeMap fileExtension=".ics" mimeType="text/calendar" />
<mimeMap fileExtension=".ief" mimeType="image/ief" />
<mimeMap fileExtension=".iii" mimeType="application/x-iphone" />
<mimeMap fileExtension=".inf" mimeType="application/octet-stream" />
<mimeMap fileExtension=".ins" mimeType="application/x-internet-signup" />
<mimeMap fileExtension=".isp" mimeType="application/x-internet-signup" />
<mimeMap fileExtension=".IVF" mimeType="video/x-ivf" />
<mimeMap fileExtension=".jar" mimeType="application/java-archive" />
<mimeMap fileExtension=".java" mimeType="application/octet-stream" />
<mimeMap fileExtension=".jck" mimeType="application/liquidmotion" />
<mimeMap fileExtension=".jcz" mimeType="application/liquidmotion" />
<mimeMap fileExtension=".jfif" mimeType="image/pjpeg" />
<mimeMap fileExtension=".jpb" mimeType="application/octet-stream" />
<mimeMap fileExtension=".jpe" mimeType="image/jpeg" />
<mimeMap fileExtension=".jpeg" mimeType="image/jpeg" />
<mimeMap fileExtension=".jpg" mimeType="image/jpeg" />
<mimeMap fileExtension=".js" mimeType="application/javascript" />
<mimeMap fileExtension=".json" mimeType="application/json" />
<mimeMap fileExtension=".jsonld" mimeType="application/ld+json" />
<mimeMap fileExtension=".jsx" mimeType="text/jscrip" />
<mimeMap fileExtension=".latex" mimeType="application/x-latex" />
<mimeMap fileExtension=".less" mimeType="text/css" />
<mimeMap fileExtension=".lit" mimeType="application/x-ms-reader" />
<mimeMap fileExtension=".lpk" mimeType="application/octet-stream" />
<mimeMap fileExtension=".lsf" mimeType="video/x-la-asf" />
<mimeMap fileExtension=".lsx" mimeType="video/x-la-asf" />
<mimeMap fileExtension=".lzh" mimeType="application/octet-stream" />
<mimeMap fileExtension=".m13" mimeType="application/x-msmediaview" />
<mimeMap fileExtension=".m14" mimeType="application/x-msmediaview" />
<mimeMap fileExtension=".m1v" mimeType="video/mpeg" />
<mimeMap fileExtension=".m2ts" mimeType="video/vnd.dlna.mpeg-tts" />
<mimeMap fileExtension=".m3u" mimeType="audio/x-mpegurl" />
<mimeMap fileExtension=".m4a" mimeType="audio/mp4" />
<mimeMap fileExtension=".m4v" mimeType="video/mp4" />
<mimeMap fileExtension=".man" mimeType="application/x-troff-man" />
<mimeMap fileExtension=".manifest" mimeType="application/x-ms-manifest" />
<mimeMap fileExtension=".map" mimeType="text/plain" />
<mimeMap fileExtension=".mdb" mimeType="application/x-msaccess" />
<mimeMap fileExtension=".mdp" mimeType="application/octet-stream" />
<mimeMap fileExtension=".me" mimeType="application/x-troff-me" />
<mimeMap fileExtension=".mht" mimeType="message/rfc822" />
<mimeMap fileExtension=".mhtml" mimeType="message/rfc822" />
<mimeMap fileExtension=".mid" mimeType="audio/mid" />
<mimeMap fileExtension=".midi" mimeType="audio/mid" />
<mimeMap fileExtension=".mix" mimeType="application/octet-stream" />
<mimeMap fileExtension=".mmf" mimeType="application/x-smaf" />
```

```
<mimeMap fileExtension=".mno" mimeType="text/xml" />
<mimeMap fileExtension=".mny" mimeType="application/x-msmoney" />
<mimeMap fileExtension=".mov" mimeType="video/quicktime" />
<mimeMap fileExtension=".movie" mimeType="video/x-sgi-movie" />
<mimeMap fileExtension=".mp2" mimeType="video/mpeg" />
<mimeMap fileExtension=".mp3" mimeType="audio/mpeg" />
<mimeMap fileExtension=".mp4" mimeType="video/mp4" />
<mimeMap fileExtension=".mp4v" mimeType="video/mp4" />
<mimeMap fileExtension=".mpa" mimeType="video/mpeg" />
<mimeMap fileExtension=".mpe" mimeType="video/mpeg" />
<mimeMap fileExtension=".mpeg" mimeType="video/mpeg" />
<mimeMap fileExtension=".mpg" mimeType="video/mpeg" />
<mimeMap fileExtension=".mpp" mimeType="application/vnd.ms-project" />
<mimeMap fileExtension=".mpv2" mimeType="video/mpeg" />
<mimeMap fileExtension=".ms" mimeType="application/x-troff-ms" />
<mimeMap fileExtension=".msi" mimeType="application/octet-stream" />
<mimeMap fileExtension=".mso" mimeType="application/octet-stream" />
<mimeMap fileExtension=".mvb" mimeType="application/x-msmediaview" />
<mimeMap fileExtension=".mvc" mimeType="application/x-miva-compiled" />
<mimeMap fileExtension=".nc" mimeType="application/x-netcdf" />
<mimeMap fileExtension=".nsc" mimeType="video/x-ms-asf" />
<mimeMap fileExtension=".nws" mimeType="message/rfc822" />
<mimeMap fileExtension=".ocx" mimeType="application/octet-stream" />
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<mimeMap fileExtension=".oga" mimeType="audio/ogg" />
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<mimeMap fileExtension=".onea" mimeType="application/onenote" />
<mimeMap fileExtension=".onetoc" mimeType="application/onenote" />
<mimeMap fileExtension=".onetoc2" mimeType="application/onenote" />
<mimeMap fileExtension=".onetmp" mimeType="application/onenote" />
<mimeMap fileExtension=".onepkg" mimeType="application/onenote" />
<mimeMap fileExtension=".osdx" mimeType="application/opensearchdescription+xml" />
<mimeMap fileExtension=".otf" mimeType="font/otf" />
<mimeMap fileExtension=".p10" mimeType="application/pkcs10" />
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<mimeMap fileExtension=".p7b" mimeType="application/x-pkcs7-certificates" />
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<mimeMap fileExtension=".p7m" mimeType="application/pkcs7-mime" />
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<mimeMap fileExtension=".pbm" mimeType="image/x-portable-bitmap" />
<mimeMap fileExtension=".pcx" mimeType="application/octet-stream" />
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<mimeMap fileExtension=".pdf" mimeType="application/pdf" />
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```

```

<mimeMap fileExtension=".pgm" mimeType="image/x-portable-graymap" />
<mimeMap fileExtension=".pko" mimeType="application/vnd.ms-pki.pko" />
<mimeMap fileExtension=".pma" mimeType="application/x-perfmon" />
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<mimeMap fileExtension=".potx" mimeType="application/vnd.openxmlformats-officedocument.presentationml.template" />
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<mimeMap fileExtension=".pps" mimeType="application/vnd.ms-powerpoint" />
<mimeMap fileExtension=".ppsm" mimeType="application/vnd.ms-powerpoint.slideshow.macroEnabled.12" />
<mimeMap fileExtension=".ppsx" mimeType="application/vnd.openxmlformats-officedocument.presentationml.slideshow" />
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<mimeMap fileExtension=".pptm" mimeType="application/vnd.ms-powerpoint.presentation.macroEnabled.12" />
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<mimeMap fileExtension=".psd" mimeType="application/octet-stream" />
<mimeMap fileExtension=".psm" mimeType="application/octet-stream" />
<mimeMap fileExtension=".psp" mimeType="application/octet-stream" />
<mimeMap fileExtension=".pub" mimeType="application/x-mspublisher" />
<mimeMap fileExtension=".qt" mimeType="video/quicktime" />
<mimeMap fileExtension=".qtl" mimeType="application/x-quicktimeplayer" />
<mimeMap fileExtension=".qxd" mimeType="application/octet-stream" />
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<mimeMap fileExtension=".rar" mimeType="application/octet-stream" />
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<mimeMap fileExtension=".rgb" mimeType="image/x-rgb" />
<mimeMap fileExtension=".rm" mimeType="application/vnd.rn-realmedia" />
<mimeMap fileExtension=".rmi" mimeType="audio/mid" />
<mimeMap fileExtension=".roff" mimeType="application/x-troff" />
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<mimeMap fileExtension=".scd" mimeType="application/x-msschedule" />
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```

```
<mimeMap fileExtension=".setpay" mimeType="application/set-payment-initiation" />
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<mimeMap fileExtension=".sgml" mimeType="text/sgml" />
<mimeMap fileExtension=".sh" mimeType="application/x-sh" />
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<mimeMap fileExtension=".sldx" mimeType="application/vnd.openxmlformats-officedocument.presentationml.slide" />
<mimeMap fileExtension=".smd" mimeType="audio/x-smd" />
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<mimeMap fileExtension=".spl" mimeType="application/futuresplash" />
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<mimeMap fileExtension=".stl" mimeType="application/vnd.ms-pki.stl" />
<mimeMap fileExtension=".sv4cpio" mimeType="application/x-sv4cpio" />
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<mimeMap fileExtension=".thn" mimeType="application/octet-stream" />
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<mimeMap fileExtension=".tiff" mimeType="image/tiff" />
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<mimeMap fileExtension=".tr" mimeType="application/x-troff" />
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<mimeMap fileExtension=".ts" mimeType="video/vnd.dlna.mpeg-tts" />
<mimeMap fileExtension=".tsv" mimeType="text/tab-separated-values" />
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<mimeMap fileExtension=".ustar" mimeType="application/x-ustar" />
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<mimeMap fileExtension=".vcs" mimeType="text/plain" />
<mimeMap fileExtension=".vdx" mimeType="application/vnd.ms-visio.viewer" />
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<mimeMap fileExtension=".vsd" mimeType="application/vnd.visio" />
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<mimeMap fileExtension=".vsw" mimeType="application/vnd.visio" />
<mimeMap fileExtension=".vsx" mimeType="application/vnd.visio" />
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<mimeMap fileExtension=".wmd" mimeType="application/x-ms-wmd" />
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<mimeMap fileExtension=".wml" mimeType="text/vnd.wap.wml" />
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<mimeMap fileExtension=".wps" mimeType="application/vnd.ms-works" />
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<mimeMap fileExtension=".wrl" mimeType="x-world/x-vrml" />
<mimeMap fileExtension=".wrz" mimeType="x-world/x-vrml" />
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<mimeMap fileExtension=".xaf" mimeType="x-world/x-vrml" />
<mimeMap fileExtension=".xaml" mimeType="application/xaml+xml" />
<mimeMap fileExtension=".xap" mimeType="application/x-silverlight-app" />
<mimeMap fileExtension=".xbap" mimeType="application/x-ms-xbap" />
<mimeMap fileExtension=".xbm" mimeType="image/x-xbitmap" />
<mimeMap fileExtension=".xdr" mimeType="text/plain" />
<mimeMap fileExtension=".xht" mimeType="application/xhtml+xml" />
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<mimeMap fileExtension=".xlc" mimeType="application/vnd.ms-excel" />
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<mimeMap fileExtension=".xlsm" mimeType="application/vnd.ms-excel.sheet.macroEnabled.12" />
<mimeMap fileExtension=".xlsx" mimeType="application/vnd.openxmlformats-officedocument.spreadsheetml.sheet" />
<mimeMap fileExtension=".xlt" mimeType="application/vnd.ms-excel" />
<mimeMap fileExtension=".xltn" mimeType="application/vnd.ms-excel.template.macroEnabled.12" />
<mimeMap fileExtension=".xltx" mimeType="application/vnd.openxmlformats-officedocument.spreadsheetml.template" />
<mimeMap fileExtension=".xlw" mimeType="application/vnd.ms-excel" />
<mimeMap fileExtension=".xml" mimeType="text/xml" />
<mimeMap fileExtension=".xof" mimeType="x-world/x-vrml" />
<mimeMap fileExtension=".xpm" mimeType="image/x-xpixmap" />
<mimeMap fileExtension=".xps" mimeType="application/vnd.ms-xpsdocument" />
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<mimeMap fileExtension=".xtp" mimeType="application/octet-stream" />
<mimeMap fileExtension=".xwd" mimeType="image/x-xwindowdump" />
<mimeMap fileExtension=".z" mimeType="application/x-compress" />
<mimeMap fileExtension=".zip" mimeType="application/x-zip-compressed" />
</staticContent>
```

<tracing>

<traceProviderDefinitions>

<add name="WWW Server" guid="{3a2a4e84-4c21-4981-ae10-3fda0d9b0f83}">

<areas>

<clear />

<add name="Authentication" value="2" />

<add name="Security" value="4" />

<add name="Filter" value="8" />

<add name="StaticFile" value="16" />

<add name="CGI" value="32" />

<add name="Compression" value="64" />

<add name="Cache" value="128" />

<add name="RequestNotifications" value="256" />

<add name="Module" value="512" />

<add name="Rewrite" value="1024" />

<add name="FastCGI" value="4096" />

<add name="WebSocket" value="16384" />

</areas>

</add>

<add name="ASP" guid="{06b94d9a-b15e-456e-a4ef-37c984a2cb4b}">

<areas>

<clear />

</areas>

</add>

<add name="ISAPI Extension" guid="{a1c2040e-8840-4c31-ba11-9871031a19ea}">

```

    <areas>
      <clear />
    </areas>
  </add>
  <add name="ASPNET" guid="{AFF081FE-0247-4275-9C4E-021F3DC1DA35}">
    <areas>
      <add name="Infrastructure" value="1" />
      <add name="Module" value="2" />
      <add name="Page" value="4" />
      <add name="AppServices" value="8" />
    </areas>
  </add>
</traceProviderDefinitions>

<traceFailedRequests>
  <add path="*">
    <traceAreas>
      <add provider="ASP" verbosity="Verbose" />
      <add provider="ASPNET" areas="Infrastructure,Module,Page,AppServices" verbosity="Verbose" />
      <add provider="ISAPI Extension" verbosity="Verbose" />
      <add provider="WWW Server"
areas="Authentication,Security,Filter,StaticFile,CGI,Compression,Cache,RequestNotifications,Module,Rewrite,WebSo
cket" verbosity="Verbose" />
    </traceAreas>
    <failureDefinitions statusCodes="200-999" />
  </add>
</traceFailedRequests>

</tracing>

<urlCompression />

<validation />
<webdav>
  <globalSettings>
    <propertyStores>
      <add name="webdav_simple_prop" image="%IIS_BIN%\webdav_simple_prop.dll"
image32="%IIS_BIN%\webdav_simple_prop.dll" />
    </propertyStores>
    <lockStores>
      <add name="webdav_simple_lock" image="%IIS_BIN%\webdav_simple_lock.dll"
image32="%IIS_BIN%\webdav_simple_lock.dll" />
    </lockStores>

  </globalSettings>
  <authoring>
    <locks enabled="true" lockStore="webdav_simple_lock" />
  </authoring>
  <authoringRules />
</webdav>
<webSocket />

```

```

<applicationInitialization />

</system.webServer>
<location path="" overrideMode="Allow">
  <system.webServer>
    <modules>
      <add name="IsapiFilterModule" lockItem="true" />
      <add name="BasicAuthenticationModule" lockItem="true" />
      <add name="IsapiModule" lockItem="true" />
      <add name="HttpLoggingModule" lockItem="true" />
    <!--
      <add name="HttpCacheModule" lockItem="true" />
    -->

    <add name="DynamicCompressionModule" lockItem="true" />
    <add name="StaticCompressionModule" lockItem="true" />
    <add name="DefaultDocumentModule" lockItem="true" />
    <add name="DirectoryListingModule" lockItem="true" />
    <add name="ProtocolSupportModule" lockItem="true" />
    <add name="HttpRedirectionModule" lockItem="true" />
    <add name="ServerSideIncludeModule" lockItem="true" />
    <add name="StaticFileModule" lockItem="true" />
    <add name="AnonymousAuthenticationModule" lockItem="true" />
    <add name="CertificateMappingAuthenticationModule" lockItem="true" />
    <add name="UrlAuthorizationModule" lockItem="true" />
    <add name="WindowsAuthenticationModule" lockItem="true" />
  <!--
    <add name="DigestAuthenticationModule" lockItem="true" />
  -->

  <add name="IISCertificateMappingAuthenticationModule" lockItem="true" />
  <add name="WebMatrixSupportModule" lockItem="true" />
  <add name="IpRestrictionModule" lockItem="true" />
  <add name="DynamicIpRestrictionModule" lockItem="true" />
  <add name="RequestFilteringModule" lockItem="true" />
  <add name="CustomLoggingModule" lockItem="true" />
  <add name="CustomErrorModule" lockItem="true" />
  <add name="FailedRequestsTracingModule" lockItem="true" />
  <add name="CgiModule" lockItem="true" />
  <add name="FastCgiModule" lockItem="true" />
  <!--
    <add name="WebDAVModule" /> -->
    <add name="RewriteModule" />
    <add name="OutputCache" type="System.Web.Caching.OutputCacheModule"
preCondition="managedHandler" />
    <add name="Session" type="System.Web.SessionState.SessionStateModule"
preCondition="managedHandler" />
    <add name="WindowsAuthentication" type="System.Web.Security.WindowsAuthenticationModule"
preCondition="managedHandler" />
    <add name="FormsAuthentication" type="System.Web.Security.FormsAuthenticationModule"
preCondition="managedHandler" />
    <add name="DefaultAuthentication" type="System.Web.Security.DefaultAuthenticationModule"
preCondition="managedHandler" />
    <add name="RoleManager" type="System.Web.Security.RoleManagerModule"

```

```

preCondition="managedHandler" />
    <add name="UrlAuthorization" type="System.Web.Security.UrlAuthorizationModule"
preCondition="managedHandler" />
    <add name="FileAuthorization" type="System.Web.Security.FileAuthorizationModule"
preCondition="managedHandler" />
    <add name="AnonymousIdentification" type="System.Web.Security.AnonymousIdentificationModule"
preCondition="managedHandler" />
    <add name="Profile" type="System.Web.Profile.ProfileModule" preCondition="managedHandler" />
    <add name="UrlMappingsModule" type="System.Web.UrlMappingsModule"
preCondition="managedHandler" />
    <add name="ApplicationInitializationModule" lockItem="true" />
    <add name="WebSocketModule" lockItem="true" />
    <add name="ServiceModel-4.0"
type="System.ServiceModel.Activation.ServiceHttpModule, System.ServiceModel.Activation, Version=4.0.0.0, Culture=
neutral, PublicKeyToken=31bf3856ad364e35" preCondition="managedHandler, runtimeVersionv4.0" />
    <add name="ConfigurationValidationModule" lockItem="true" />
    <add name="UrlRoutingModule-4.0" type="System.Web.Routing.UrlRoutingModule"
preCondition="managedHandler, runtimeVersionv4.0" />
    <add name="ScriptModule-4.0" type="System.Web.Handlers.ScriptModule, System.Web.Extensions,
Version=4.0.0.0, Culture=neutral, PublicKeyToken=31bf3856ad364e35"
preCondition="managedHandler, runtimeVersionv4.0" />
</modules>
<handlers accessPolicy="Read, Script">
<!--
    <add name="WebDAV" path="*"
verb="PROPFIND, PROPPATCH, MKCOL, PUT, COPY, DELETE, MOVE, LOCK, UNLOCK" modules="WebDAVModule"
resourceType="Unspecified" requireAccess="None" /> -->
    <add name="AXD-ISAPI-4.0_64bit" path="*.axd" verb="GET, HEAD, POST, DEBUG" modules="IsapiModule"
scriptProcessor="%windir%\Microsoft.NET\Framework64\v4.0.30319\aspnet_isapi.dll"
preCondition="classicMode, runtimeVersionv4.0, bitness64" responseBufferLimit="0" />
    <add name="PageHandlerFactory-ISAPI-4.0_64bit" path="*.aspx" verb="GET, HEAD, POST, DEBUG"
modules="IsapiModule" scriptProcessor="%windir%\Microsoft.NET\Framework64\v4.0.30319\aspnet_isapi.dll"
preCondition="classicMode, runtimeVersionv4.0, bitness64" responseBufferLimit="0" />
    <add name="SimpleHandlerFactory-ISAPI-4.0_64bit" path="*.ashx" verb="GET, HEAD, POST, DEBUG"
modules="IsapiModule" scriptProcessor="%windir%\Microsoft.NET\Framework64\v4.0.30319\aspnet_isapi.dll"
preCondition="classicMode, runtimeVersionv4.0, bitness64" responseBufferLimit="0" />
    <add name="WebServiceHandlerFactory-ISAPI-4.0_64bit" path="*.asmx"
verb="GET, HEAD, POST, DEBUG" modules="IsapiModule"
scriptProcessor="%windir%\Microsoft.NET\Framework64\v4.0.30319\aspnet_isapi.dll"
preCondition="classicMode, runtimeVersionv4.0, bitness64" responseBufferLimit="0" />
    <add name="HttpRemotingHandlerFactory-rem-ISAPI-4.0_64bit" path="*.rem"
verb="GET, HEAD, POST, DEBUG" modules="IsapiModule"
scriptProcessor="%windir%\Microsoft.NET\Framework64\v4.0.30319\aspnet_isapi.dll"
preCondition="classicMode, runtimeVersionv4.0, bitness64" responseBufferLimit="0" />
    <add name="HttpRemotingHandlerFactory-soap-ISAPI-4.0_64bit" path="*.soap"
verb="GET, HEAD, POST, DEBUG" modules="IsapiModule"
scriptProcessor="%windir%\Microsoft.NET\Framework64\v4.0.30319\aspnet_isapi.dll"
preCondition="classicMode, runtimeVersionv4.0, bitness64" responseBufferLimit="0" />
    <add name="svc-ISAPI-4.0_64bit" path="*.svc" verb="*" modules="IsapiModule"
scriptProcessor="%windir%\Microsoft.NET\Framework64\v4.0.30319\aspnet_isapi.dll"
preCondition="classicMode, runtimeVersionv4.0, bitness64" />
    <add name="rules-ISAPI-4.0_64bit" path="*.rules" verb="*" modules="IsapiModule"

```

```

scriptProcessor="%windir%\Microsoft.NET\Framework64\v4.0.30319\aspnet_isapi.dll"
preCondition="classicMode, runtimeVersionv4.0, bitness64" />
    <add name="xoml-ISAPI-4.0_64bit" path="*.xoml" verb="*" modules="IsapiModule"
scriptProcessor="%windir%\Microsoft.NET\Framework64\v4.0.30319\aspnet_isapi.dll"
preCondition="classicMode, runtimeVersionv4.0, bitness64" />
    <add name="xamlx-ISAPI-4.0_64bit" path="*.xamlx" verb="GET,HEAD,POST,DEBUG"
modules="IsapiModule" scriptProcessor="%windir%\Microsoft.NET\Framework64\v4.0.30319\aspnet_isapi.dll"
preCondition="classicMode, runtimeVersionv4.0, bitness64" />
    <add name="aspq-ISAPI-4.0_64bit" path="*.aspq" verb="*" modules="IsapiModule"
scriptProcessor="%windir%\Microsoft.NET\Framework64\v4.0.30319\aspnet_isapi.dll"
preCondition="classicMode, runtimeVersionv4.0, bitness64" responseBufferLimit="0" />
    <add name="cshmt-ISAPI-4.0_64bit" path="*.cshmt" verb="GET,HEAD,POST,DEBUG"
modules="IsapiModule" scriptProcessor="%windir%\Microsoft.NET\Framework64\v4.0.30319\aspnet_isapi.dll"
preCondition="classicMode, runtimeVersionv4.0, bitness64" responseBufferLimit="0" />
    <add name="cshtml-ISAPI-4.0_64bit" path="*.cshtml" verb="GET,HEAD,POST,DEBUG"
modules="IsapiModule" scriptProcessor="%windir%\Microsoft.NET\Framework64\v4.0.30319\aspnet_isapi.dll"
preCondition="classicMode, runtimeVersionv4.0, bitness64" responseBufferLimit="0" />
    <add name="vbhtm-ISAPI-4.0_64bit" path="*.vbhtm" verb="GET,HEAD,POST,DEBUG"
modules="IsapiModule" scriptProcessor="%windir%\Microsoft.NET\Framework64\v4.0.30319\aspnet_isapi.dll"
preCondition="classicMode, runtimeVersionv4.0, bitness64" responseBufferLimit="0" />
    <add name="vbhtml-ISAPI-4.0_64bit" path="*.vbhtml" verb="GET,HEAD,POST,DEBUG"
modules="IsapiModule" scriptProcessor="%windir%\Microsoft.NET\Framework64\v4.0.30319\aspnet_isapi.dll"
preCondition="classicMode, runtimeVersionv4.0, bitness64" responseBufferLimit="0" />
    <add name="AXD-ISAPI-4.0_32bit" path="*.axd" verb="GET,HEAD,POST,DEBUG" modules="IsapiModule"
scriptProcessor="%windir%\Microsoft.NET\Framework\v4.0.30319\aspnet_isapi.dll"
preCondition="classicMode, runtimeVersionv4.0, bitness32" responseBufferLimit="0" />
    <add name="PageHandlerFactory-ISAPI-4.0_32bit" path="*.aspx" verb="GET,HEAD,POST,DEBUG"
modules="IsapiModule" scriptProcessor="%windir%\Microsoft.NET\Framework\v4.0.30319\aspnet_isapi.dll"
preCondition="classicMode, runtimeVersionv4.0, bitness32" responseBufferLimit="0" />
    <add name="SimpleHandlerFactory-ISAPI-4.0_32bit" path="*.ashx" verb="GET,HEAD,POST,DEBUG"
modules="IsapiModule" scriptProcessor="%windir%\Microsoft.NET\Framework\v4.0.30319\aspnet_isapi.dll"
preCondition="classicMode, runtimeVersionv4.0, bitness32" responseBufferLimit="0" />
    <add name="WebServiceHandlerFactory-ISAPI-4.0_32bit" path="*.asmx"
verb="GET,HEAD,POST,DEBUG" modules="IsapiModule"
scriptProcessor="%windir%\Microsoft.NET\Framework\v4.0.30319\aspnet_isapi.dll"
preCondition="classicMode, runtimeVersionv4.0, bitness32" responseBufferLimit="0" />
    <add name="HttpRemotingHandlerFactory-rem-ISAPI-4.0_32bit" path="*.rem"
verb="GET,HEAD,POST,DEBUG" modules="IsapiModule"
scriptProcessor="%windir%\Microsoft.NET\Framework\v4.0.30319\aspnet_isapi.dll"
preCondition="classicMode, runtimeVersionv4.0, bitness32" responseBufferLimit="0" />
    <add name="HttpRemotingHandlerFactory-soap-ISAPI-4.0_32bit" path="*.soap"
verb="GET,HEAD,POST,DEBUG" modules="IsapiModule"
scriptProcessor="%windir%\Microsoft.NET\Framework\v4.0.30319\aspnet_isapi.dll"
preCondition="classicMode, runtimeVersionv4.0, bitness32" responseBufferLimit="0" />
    <add name="svc-ISAPI-4.0_32bit" path="*.svc" verb="*" modules="IsapiModule"
scriptProcessor="%windir%\Microsoft.NET\Framework\v4.0.30319\aspnet_isapi.dll"
preCondition="classicMode, runtimeVersionv4.0, bitness32" />
    <add name="rules-ISAPI-4.0_32bit" path="*.rules" verb="*" modules="IsapiModule"
scriptProcessor="%windir%\Microsoft.NET\Framework\v4.0.30319\aspnet_isapi.dll"
preCondition="classicMode, runtimeVersionv4.0, bitness32" />
    <add name="xoml-ISAPI-4.0_32bit" path="*.xoml" verb="*" modules="IsapiModule"

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scriptProcessor="%windir%\Microsoft.NET\Framework\v4.0.30319\aspnet_isapi.dll"
preCondition="classicMode, runtimeVersionv4.0, bitness32" />
    <add name="xamlx-ISAPI-4.0_32bit" path="*.xamlx" verb="GET,HEAD,POST,DEBUG"
modules="IsapiModule" scriptProcessor="%windir%\Microsoft.NET\Framework\v4.0.30319\aspnet_isapi.dll"
preCondition="classicMode, runtimeVersionv4.0, bitness32" />
    <add name="aspq-ISAPI-4.0_32bit" path="*.aspq" verb="*" modules="IsapiModule"
scriptProcessor="%windir%\Microsoft.NET\Framework\v4.0.30319\aspnet_isapi.dll"
preCondition="classicMode, runtimeVersionv4.0, bitness32" responseBufferLimit="0" />
    <add name="cshtm-ISAPI-4.0_32bit" path="*.cshtm" verb="GET,HEAD,POST,DEBUG"
modules="IsapiModule" scriptProcessor="%windir%\Microsoft.NET\Framework\v4.0.30319\aspnet_isapi.dll"
preCondition="classicMode, runtimeVersionv4.0, bitness32" responseBufferLimit="0" />
    <add name="cshtml-ISAPI-4.0_32bit" path="*.cshtml" verb="GET,HEAD,POST,DEBUG"
modules="IsapiModule" scriptProcessor="%windir%\Microsoft.NET\Framework\v4.0.30319\aspnet_isapi.dll"
preCondition="classicMode, runtimeVersionv4.0, bitness32" responseBufferLimit="0" />
    <add name="vbhtm-ISAPI-4.0_32bit" path="*.vbhtm" verb="GET,HEAD,POST,DEBUG"
modules="IsapiModule" scriptProcessor="%windir%\Microsoft.NET\Framework\v4.0.30319\aspnet_isapi.dll"
preCondition="classicMode, runtimeVersionv4.0, bitness32" responseBufferLimit="0" />
    <add name="vbhtml-ISAPI-4.0_32bit" path="*.vbhtml" verb="GET,HEAD,POST,DEBUG"
modules="IsapiModule" scriptProcessor="%windir%\Microsoft.NET\Framework\v4.0.30319\aspnet_isapi.dll"
preCondition="classicMode, runtimeVersionv4.0, bitness32" responseBufferLimit="0" />
    <add name="TraceHandler-Integrated-4.0" path="trace.axd" verb="GET,HEAD,POST,DEBUG"
type="System.Web.Handlers.TraceHandler" preCondition="integratedMode, runtimeVersionv4.0" />
    <add name="WebAdminHandler-Integrated-4.0" path="WebAdmin.axd" verb="GET,DEBUG"
type="System.Web.Handlers.WebAdminHandler" preCondition="integratedMode, runtimeVersionv4.0" />
    <add name="AssemblyResourceLoader-Integrated-4.0" path="WebResource.axd" verb="GET,DEBUG"
type="System.Web.Handlers.AssemblyResourceLoader" preCondition="integratedMode, runtimeVersionv4.0" />
    <add name="PageHandlerFactory-Integrated-4.0" path="*.aspx" verb="GET,HEAD,POST,DEBUG"
type="System.Web.UI.PageHandlerFactory" preCondition="integratedMode, runtimeVersionv4.0" />
    <add name="SimpleHandlerFactory-Integrated-4.0" path="*.ashx" verb="GET,HEAD,POST,DEBUG"
type="System.Web.UI.SimpleHandlerFactory" preCondition="integratedMode, runtimeVersionv4.0" />
    <add name="WebServiceHandlerFactory-Integrated-4.0" path="*.asmx" verb="GET,HEAD,POST,DEBUG"
type="System.Web.Script.Services.ScriptHandlerFactory, System.Web.Extensions, Version=4.0.0.0, Culture=neutral,
PublicKeyToken=31bf3856ad364e35" preCondition="integratedMode, runtimeVersionv4.0" />
    <add name="HttpRemotingHandlerFactory-rem-Integrated-4.0" path="*.rem"
verb="GET,HEAD,POST,DEBUG" type="System.Runtime.Remoting.Channels.Http.HttpRemotingHandlerFactory,
System.Runtime.Remoting, Version=4.0.0.0, Culture=neutral, PublicKeyToken=b77a5c561934e089"
preCondition="integratedMode, runtimeVersionv4.0" />
    <add name="HttpRemotingHandlerFactory-soap-Integrated-4.0" path="*.soap"
verb="GET,HEAD,POST,DEBUG" type="System.Runtime.Remoting.Channels.Http.HttpRemotingHandlerFactory,
System.Runtime.Remoting, Version=4.0.0.0, Culture=neutral, PublicKeyToken=b77a5c561934e089"
preCondition="integratedMode, runtimeVersionv4.0" />
    <add name="svc-Integrated-4.0" path="*.svc" verb="*"
type="System.ServiceModel.Activation.ServiceHttpHandlerFactory, System.ServiceModel.Activation, Version=4.0.0.0,
Culture=neutral, PublicKeyToken=31bf3856ad364e35" preCondition="integratedMode, runtimeVersionv4.0" />
    <add name="rules-Integrated-4.0" path="*.rules" verb="*"
type="System.ServiceModel.Activation.ServiceHttpHandlerFactory, System.ServiceModel.Activation, Version=4.0.0.0,
Culture=neutral, PublicKeyToken=31bf3856ad364e35" preCondition="integratedMode, runtimeVersionv4.0" />
    <add name="xoml-Integrated-4.0" path="*.xoml" verb="*"
type="System.ServiceModel.Activation.ServiceHttpHandlerFactory, System.ServiceModel.Activation, Version=4.0.0.0,
Culture=neutral, PublicKeyToken=31bf3856ad364e35" preCondition="integratedMode, runtimeVersionv4.0" />
    <add name="xamlx-Integrated-4.0" path="*.xamlx" verb="GET,HEAD,POST,DEBUG"

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type="System.Xaml.Hosting.XamlHttpHandlerFactory, System.Xaml.Hosting, Version=4.0.0.0, Culture=neutral,
PublicKeyToken=31bf3856ad364e35" preCondition="integratedMode, runtimeVersionv4.0" />
    <add name="aspq-Integrated-4.0" path="*.aspq" verb="GET,HEAD,POST,DEBUG"
type="System.Web.HttpForbiddenHandler" preCondition="integratedMode, runtimeVersionv4.0" />
    <add name="cshtm-Integrated-4.0" path="*.cshtm" verb="GET,HEAD,POST,DEBUG"
type="System.Web.HttpForbiddenHandler" preCondition="integratedMode, runtimeVersionv4.0" />
    <add name="cshtml-Integrated-4.0" path="*.cshtml" verb="GET,HEAD,POST,DEBUG"
type="System.Web.HttpForbiddenHandler" preCondition="integratedMode, runtimeVersionv4.0" />
    <add name="vbhtm-Integrated-4.0" path="*.vbhtm" verb="GET,HEAD,POST,DEBUG"
type="System.Web.HttpForbiddenHandler" preCondition="integratedMode, runtimeVersionv4.0" />
    <add name="vbhtml-Integrated-4.0" path="*.vbhtml" verb="GET,HEAD,POST,DEBUG"
type="System.Web.HttpForbiddenHandler" preCondition="integratedMode, runtimeVersionv4.0" />
    <add name="ScriptHandlerFactoryAppServices-Integrated-4.0" path="*_AppService.axd" verb="*"
type="System.Web.Script.Services.ScriptHandlerFactory, System.Web.Extensions, Version=4.0.0.0, Culture=neutral,
PublicKeyToken=31BF3856AD364E35" preCondition="integratedMode, runtimeVersionv4.0" />
    <add name="ScriptResourceIntegrated-4.0" path="*ScriptResource.axd" verb="GET,HEAD"
type="System.Web.Handlers.ScriptResourceHandler, System.Web.Extensions, Version=4.0.0.0, Culture=neutral,
PublicKeyToken=31BF3856AD364E35" preCondition="integratedMode, runtimeVersionv4.0" />
    <add name="ASPClassic" path="*.asp" verb="GET,HEAD,POST" modules="IsapiModule"
scriptProcessor="%IIS_BIN%\asp.dll" resourceType="File" />
    <add name="SecurityCertificate" path="*.cer" verb="GET,HEAD,POST" modules="IsapiModule"
scriptProcessor="%IIS_BIN%\asp.dll" resourceType="File" />
    <add name="ISAPI-dll" path="*.dll" verb="*" modules="IsapiModule" resourceType="File"
requireAccess="Execute" allowPathInfo="true" />
    <add name="TraceHandler-Integrated" path="trace.axd" verb="GET,HEAD,POST,DEBUG"
type="System.Web.Handlers.TraceHandler" preCondition="integratedMode, runtimeVersionv2.0" />
    <add name="WebAdminHandler-Integrated" path="WebAdmin.axd" verb="GET,DEBUG"
type="System.Web.Handlers.WebAdminHandler" preCondition="integratedMode, runtimeVersionv2.0" />
    <add name="AssemblyResourceLoader-Integrated" path="WebResource.axd" verb="GET,DEBUG"
type="System.Web.Handlers.AssemblyResourceLoader" preCondition="integratedMode, runtimeVersionv2.0" />
    <add name="PageHandlerFactory-Integrated" path="*.aspx" verb="GET,HEAD,POST,DEBUG"
type="System.Web.UI.PageHandlerFactory" preCondition="integratedMode, runtimeVersionv2.0" />
    <add name="SimpleHandlerFactory-Integrated" path="*.ashx" verb="GET,HEAD,POST,DEBUG"
type="System.Web.UI.SimpleHandlerFactory" preCondition="integratedMode, runtimeVersionv2.0" />
    <add name="WebServiceHandlerFactory-Integrated" path="*.asmx" verb="GET,HEAD,POST,DEBUG"
type="System.Web.Services.Protocols.WebServiceHandlerFactory, System.Web.Services, Version=2.0.0.0, Culture=ne
utral, PublicKeyToken=b03f5f7f11d50a3a" preCondition="integratedMode, runtimeVersionv2.0" />
    <add name="HttpRemotingHandlerFactory-rem-Integrated" path="*.rem" verb="GET,HEAD,POST,DEBUG"
type="System.Runtime.Remoting.Channels.Http.HttpRemotingHandlerFactory, System.Runtime.Remoting, Version=2.
0.0.0, Culture=neutral, PublicKeyToken=b77a5c561934e089" preCondition="integratedMode, runtimeVersionv2.0" />
    <add name="HttpRemotingHandlerFactory-soap-Integrated" path="*.soap"
verb="GET,HEAD,POST,DEBUG"
type="System.Runtime.Remoting.Channels.Http.HttpRemotingHandlerFactory, System.Runtime.Remoting, Version=2.
0.0.0, Culture=neutral, PublicKeyToken=b77a5c561934e089" preCondition="integratedMode, runtimeVersionv2.0" />
    <add name="AXD-ISAPI-2.0" path="*.axd" verb="GET,HEAD,POST,DEBUG" modules="IsapiModule"
scriptProcessor="%windir%\Microsoft.NET\Framework\v2.0.50727\aspnet_isapi.dll"
preCondition="classicMode, runtimeVersionv2.0, bitness32" responseBufferLimit="0" />
    <add name="PageHandlerFactory-ISAPI-2.0" path="*.aspx" verb="GET,HEAD,POST,DEBUG"
modules="IsapiModule" scriptProcessor="%windir%\Microsoft.NET\Framework\v2.0.50727\aspnet_isapi.dll"
preCondition="classicMode, runtimeVersionv2.0, bitness32" responseBufferLimit="0" />
    <add name="SimpleHandlerFactory-ISAPI-2.0" path="*.ashx" verb="GET,HEAD,POST,DEBUG"

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modules="IsapiModule" scriptProcessor="%windir%\Microsoft.NET\Framework\v2.0.50727\aspnet_isapi.dll"
preCondition="classicMode, runtimeVersionv2.0, bitness32" responseBufferLimit="0" />
    <add name="WebServiceHandlerFactory-ISAPI-2.0" path="*.asmx" verb="GET,HEAD,POST,DEBUG"
modules="IsapiModule" scriptProcessor="%windir%\Microsoft.NET\Framework\v2.0.50727\aspnet_isapi.dll"
preCondition="classicMode, runtimeVersionv2.0, bitness32" responseBufferLimit="0" />
    <add name="HttpRemotingHandlerFactory-rem-ISAPI-2.0" path="*.rem" verb="GET,HEAD,POST,DEBUG"
modules="IsapiModule" scriptProcessor="%windir%\Microsoft.NET\Framework\v2.0.50727\aspnet_isapi.dll"
preCondition="classicMode, runtimeVersionv2.0, bitness32" responseBufferLimit="0" />
    <add name="HttpRemotingHandlerFactory-soap-ISAPI-2.0" path="*.soap"
verb="GET,HEAD,POST,DEBUG" modules="IsapiModule"
scriptProcessor="%windir%\Microsoft.NET\Framework\v2.0.50727\aspnet_isapi.dll"
preCondition="classicMode, runtimeVersionv2.0, bitness32" responseBufferLimit="0" />
    <add name="AXD-ISAPI-2.0-64" path="*.axd" verb="GET,HEAD,POST,DEBUG" modules="IsapiModule"
scriptProcessor="%windir%\Microsoft.NET\Framework64\v2.0.50727\aspnet_isapi.dll"
preCondition="classicMode, runtimeVersionv2.0, bitness64" responseBufferLimit="0" />
    <add name="PageHandlerFactory-ISAPI-2.0-64" path="*.aspx" verb="GET,HEAD,POST,DEBUG"
modules="IsapiModule" scriptProcessor="%windir%\Microsoft.NET\Framework64\v2.0.50727\aspnet_isapi.dll"
preCondition="classicMode, runtimeVersionv2.0, bitness64" responseBufferLimit="0" />
    <add name="SimpleHandlerFactory-ISAPI-2.0-64" path="*.ashx" verb="GET,HEAD,POST,DEBUG"
modules="IsapiModule" scriptProcessor="%windir%\Microsoft.NET\Framework64\v2.0.50727\aspnet_isapi.dll"
preCondition="classicMode, runtimeVersionv2.0, bitness64" responseBufferLimit="0" />
    <add name="WebServiceHandlerFactory-ISAPI-2.0-64" path="*.asmx" verb="GET,HEAD,POST,DEBUG"
modules="IsapiModule" scriptProcessor="%windir%\Microsoft.NET\Framework64\v2.0.50727\aspnet_isapi.dll"
preCondition="classicMode, runtimeVersionv2.0, bitness64" responseBufferLimit="0" />
    <add name="HttpRemotingHandlerFactory-rem-ISAPI-2.0-64" path="*.rem"
verb="GET,HEAD,POST,DEBUG" modules="IsapiModule"
scriptProcessor="%windir%\Microsoft.NET\Framework64\v2.0.50727\aspnet_isapi.dll"
preCondition="classicMode, runtimeVersionv2.0, bitness64" responseBufferLimit="0" />
    <add name="HttpRemotingHandlerFactory-soap-ISAPI-2.0-64" path="*.soap"
verb="GET,HEAD,POST,DEBUG" modules="IsapiModule"
scriptProcessor="%windir%\Microsoft.NET\Framework64\v2.0.50727\aspnet_isapi.dll"
preCondition="classicMode, runtimeVersionv2.0, bitness64" responseBufferLimit="0" />
    <add name="CGI-exe" path="*.exe" verb="*" modules="CgiModule" resourceType="File"
requireAccess="Execute" allowPathInfo="true" />
    <add name="SSINC-stm" path="*.stm" verb="GET,HEAD,POST" modules="ServerSideIncludeModule"
resourceType="File" />
    <add name="SSINC-shtm" path="*.shtm" verb="GET,HEAD,POST" modules="ServerSideIncludeModule"
resourceType="File" />
    <add name="SSINC-shtml" path="*.shtml" verb="GET,HEAD,POST" modules="ServerSideIncludeModule"
resourceType="File" />
    <add name="TRACEVerbHandler" path="*" verb="TRACE" modules="ProtocolSupportModule"
requireAccess="None" />
    <add name="OPTIONSVerbHandler" path="*" verb="OPTIONS" modules="ProtocolSupportModule"
requireAccess="None" />
    <add name="ExtensionlessUrl-ISAPI-4.0_32bit" path="*" verb="GET,HEAD,POST,DEBUG"
modules="IsapiModule" scriptProcessor="%windir%\Microsoft.NET\Framework\v4.0.30319\aspnet_isapi.dll"
preCondition="classicMode, runtimeVersionv4.0, bitness32" responseBufferLimit="0" />
    <add name="ExtensionlessUrlHandler-ISAPI-4.0_64bit" path="*" verb="GET,HEAD,POST,DEBUG"
modules="IsapiModule" scriptProcessor="%windir%\Microsoft.NET\Framework64\v4.0.30319\aspnet_isapi.dll"
preCondition="classicMode, runtimeVersionv4.0, bitness64" responseBufferLimit="0" />
    <add name="ExtensionlessUrl-Integrated-4.0" path="*" verb="GET,HEAD,POST,DEBUG"

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type="System.Web.Handlers.TransferRequestHandler" preCondition="integratedMode,runtimeVersionv4.0"
responseBufferLimit="0" />
    <add name="StaticFile" path="*" verb="*"
modules="StaticFileModule,DefaultDocumentModule,DirectoryListingModule" resourceType="Either"
requireAccess="Read" />
    </handlers>
</system.webServer>
</location>
</configuration>
```