# Configuration

### Web.config

<system.webServer>

<modules>

<add name="SessionPerRequestModule" type="SharpLite.EntityFrameworkProvider.Web.SessionPerRequestModule, SharpLite.EntityFrameworkProvider" />

</modules>

</system.webServer>

<system.web>

<httpModules>

<add name="SessionPerRequestModule" type="SharpLite.EntityFrameworkProvider.Web.SessionPerRequestModule, SharpLite.EntityFrameworkProvider" />

</httpModules>

</system.web>

### StructureMap

public static IContainer Initialize()

{

var bidingoDbContext =

new SharpLite.EntityFrameworkProvider.DbContext(new BidingoDbContext());

ObjectFactory.Initialize(x =>

{

x.For<SharpLite.EntityFrameworkProvider.DbContext>()

.HttpContextScoped()

.Use(() => bidingoDbContext); // For SharpLiteEntityFramework  
x.For<IEntityDuplicateChecker>().Use<EntityDuplicateChecker>();

x.For(typeof(IRepository<>)).Use(typeof(Repository<>));

x.For(typeof(IRepositoryWithTypedId<,>)).Use(typeof(RepositoryWithTypedId<,>));

});

return ObjectFactory.Container;

}

### Global.asax

protected void Application\_EndRequest()

{

// For SharpLiteEntityFramework

ObjectFactory.ReleaseAndDisposeAllHttpScopedObjects();

}

# Known issues

* SharpModelBinder does not work for binding Entity objects from the view back to the controller. This is due to an issue I haven’t been able to solve and honestly haven’t put that much energy on since I use view models exclusively. An **System.InvalidOperationException** exception is thrown saying the following:  
  Attaching an entity of type '[TYPE]' failed because another entity of the same type already has the same primary key value. This can happen when using the 'Attach' method or setting the state of an entity to 'Unchanged' or 'Modified' if any entities in the graph have conflicting key values. This may be because some entities are new and have not yet received database-generated key values. In this case use the 'Add' method or the 'Added' entity state to track the graph and then set the state of non-new entities to 'Unchanged' or 'Modified' as appropriate.  
  Visit <http://www.asp.net/mvc/tutorials/getting-started-with-ef-using-mvc/advanced-entity-framework-scenarios-for-an-mvc-web-application> for more info or search the Internet.
* I haven’t found a nice design for AspNet.Identity to separate database concern from the web assembly. Maybe someone else could help me with that.