**Web API check list**

* **Projects**: [Project].Models, .Data, .Web, .WCF
* **DbContext**: [Project]DbContext.cs with all DbSets
* **Migrations**:
  + package manager > enable\_migrations (for [Project].Data)
  + Configuration() > this.AutomaticMigrationDataLossAllowed = true;
  + In DbContext Database.SetInitializer(new MigrateDatabaseToLatestVersion<TemplateDbContext, Configuration>());
* **Repositories**
  + All, Find, Add, Update, Delete(T), Delete(id), int SaveChanges
  + ChangeState(T entity, EntityState state)
* **UoW**
  + private context, dictionary, all repos
  + GetRepository<T>()
* **BaseController**

protected IArticlesData data;

public BaseApiController(IArticlesData data)

{

this.data = data;

}

* **IoC**: Ninject.web.webapi OWIN
  + GitHub link: <https://github.com/ninject/Ninject.Web.Common/wiki/Setting-up-a-OWIN-WebApi-application>
  + Add namespaces:

using Ninject;

using Ninject.Web.Common.OwinHost;

using Ninject.Web.WebApi.OwinHost;

* + Startup.cs >

app.UseNinjectMiddleware(CreateKernel)

.UseNinjectWebApi(GlobalConfiguration.Configuration);

private static StandardKernel CreateKernel()

{

var kernel = new StandardKernel();

kernel.Load(Assembly.GetExecutingAssembly());

return kernel;

}

private static void RegisterMappings(StandardKernel kernel)

{

kernel.Bind<IStudentData>().To<StudentData>().WithConstructorArgument("context", c => new TemplateDbContext());

* + - }
* **Routing**: WebApiConfig.cs > for routings
* **CORS** for Web API 2.2
  + WebApiConfig.cs > config.EnableCors(new EnableCorsAttribute("\*", "\*", "\*"));
  + Global.asax >

protected void Application\_BeginRequest(object sender, EventArgs e)

{

Response.Headers.Add("Access-Control-Allow-Origin", "\*");

}

**WCF Check list**

* **[Service].svc**

Factory="System.ServiceModel.Activation.WebServiceHostFactory"

* **[ServiceInterface]**

[WebGet(UriTemplate="")]

* **Web.config**

<system.serviceModel>

<standardEndpoints>

<webHttpEndpoint>

<standardEndpoint helpEnabled="true" defaultOutgoingResponseFormat="Json" />

</webHttpEndpoint>

</standardEndpoints>

</system.serviceModel>