

Web API check list

- **Projects:** [Project].Models, .Data, .Web, .WCF
- **DbContext:** [Project]DbContext.cs with all DbSet
- **Migrations:**
 - package manager > enable_migrations (for [Project].Data)
 - Configuration() > this.AutomaticMigrationDataLossAllowed = true;
- **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>
 - Startup.cs >

```
app.UseNinjectMiddleware(CreateKernel).UseNinjectWebApi(GlobalConfiguration.Configuration);
```
 - RegisterMappings(kernel)
 - kernel.Bind<IData>().To<Data>().WithConstructorArgument("context", c => new DbContext());
- **Routing:** WebApiConfig.cs > for routings
- **CORS** for Web API 2.2
 - WebApiConfig.cd > 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>
```