**How To: Update Your C# Bot to Work with the Direct Line App Service Extension**

This guide describes how to update your C# bot source code to work with the Direct Line App Service Extension.

***Update your Bot Source Code***

This section describes how to update your bot project and source code to work with the Direct Line App Service Extension

1. Open your bot project in Visual Studio.
2. Add the Streaming Extension NuGet package to your project:
   1. Right click on *Dependencies* in your project and select *Manage NuGet Packages*
   2. Under the *Browse* tab, click *Include prerelease* to show the preview packages, and select the package *Microsoft.Bot.Builder.StreamingExtensions*
   3. Click on the Install button to install the package, and read and agree to the license agreement.
3. Allow your app to use the Bot Framework NamedPipe to your startup.cs file:
   1. Open your *Startup.cs* file.
   2. In the Configure method, add lines to UseBotFrameworkNamedPipe:

public void Configure(IApplicationBuilder app, IHostingEnvironment env)

{

if (env.IsDevelopment())

{

app.UseDeveloperExceptionPage();

}

else

{

app.UseHsts();

}

app.UseDefaultFiles();

app.UseStaticFiles();

**app.UseBotFrameworkNamedPipe();**

app.UseMvc();

}

1. Publish your bot to your Azure App Service. If you go to the page

https://<your\_app\_service>.azurewebsites.net/.bot it will return this JSON content (if you have done these steps and also enabled the Direct Line App Service Extension):

{"k":true,"ib":true,"ob":true,"initialized":true}