

SignalR

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Running SignalR Locally in Utopia

To run locally, in the ***Utopia.Startup.ConfigureServices*** function, you need to comment out all the if statements and lines related to configuring signalr (see screenshot below) except ***services.AddSignalR();***

```
116     });
117
118     services.AddCors();
119
120     ConfigureApiControllers(services);
121     ConfigureRazorPages(services);
122     ConfigureWebOptimizer(services);
123
124     services.AddRequestScopingMiddleware(C => ScopeProvider.Value = new Scope());
125
126     //services.AddCustomControllerActivation(Resolve); // We thought this was needed for WF, but it doesn't appear to be, it can be deleted after 3/18/2023 if no regressions are found.
127     services.AddCustomViewComponentActivation(Resolve);
128     services.AddSaml();
129     ConfigureAuthenticationServerMiddleware(services);
130     ConfigureSwaggerGeneration(services);
131
132     //if (!string.IsNullOrEmpty(Configuration.GetSection(UTOPIA_SETTINGS_SECTION).Get<UtopiaSettings>().SignalRServiceConnectionString))
133     //{
134     //    services.AddSignalR().AddAzureSignalR(Configuration.GetSection(UTOPIA_SETTINGS_SECTION).Get<UtopiaSettings>().SignalRServiceConnectionString);
135     //}
136     //else if (!string.IsNullOrEmpty(InstanceSettingsManager.Get<string>(InstanceSettingEnum.SignalRBackplaneConnectionString)))
137     //{
138     //    // The Redis Connection String should look similar to the following:
139     //    // "someRedisServer.azurestack.net:6380,password={yourPassword},ssl=True" (if using ssl to redis cache)
140     //    services.AddSignalR().AddStackExchangeRedis(InstanceSettingsManager.Get<string>(InstanceSettingEnum.SignalRBackplaneConnectionString));
141     //}
142     //else
143     //{
144     services.AddSignalR();
145     //}
146
147     services.AddOData();
148
149     services.AddControllers().AddNewtonsoftJson();
150
151     services.AddMvcCore(options =>
152     {
153         foreach (var outputFormatter in options.OutputFormatters.OfType<ODataOutputFormatter>().Where(_ => _.SupportedMediaTypes.Count == 0))
154         {
155             outputFormatter.SupportedMediaTypes.Add(new MediaTypeHeaderValue("application/prs.odata-testxx-odata"));
156         }
157         foreach (var inputFormatter in options.InputFormatters.OfType<ODataInputFormatter>().Where(_ => _.SupportedMediaTypes.Count == 0))
158         {
159             inputFormatter.SupportedMediaTypes.Add(new MediaTypeHeaderValue("application/prs.odata-testxx-odata"));
160         }
161     });
162
163     services.AddHttpContextAccessor();
164 }
```