

You can improve 'Startup' performance by auto hiding or collapsing 'Source Control Explorer' window. Manage Visual Studio Performance Never show this again

ACI_RoleController.cs X User_Details.cs ProviderDetailsTesting.cs ProvidersController.cs Source Control Explorer

UQP

```
1  Using System;
2  using System.Collections.Generic;
3  using System.Data;
4  using System.Data.Entity;
5  using System.Data.Entity.Infrastructure;
6  using System.Linq;
7  using System.Net;
8  using System.Net.Http;
9  using System.Threading.Tasks;
10 using System.Web;
11 using System.Web.Http;
12 using System.Web.Http.Cors;
13 using System.Web.Http.Description;
14 using UQP.Models;
15 using UQP.Utility;
16
17 /// <summary>
18 /// Api controller for ACL
19 /// </summary>
20 namespace UQP.Controllers
21 {
22     /// <summary>
23     /// Get the list of all access and role from portal
24     /// </summary>
25     [EnableCors(origins: "*", headers: "*", methods: "*")]
26     [Authorize]
27
28 }
```

Output

A screenshot of the Microsoft Visual Studio IDE interface. The title bar shows "Debug Any CPU IIS Express (Google Chrome)". The status bar at the bottom says "You can improve 'Startup' performance by auto hiding or collapsing 'Source Control Explorer' window. Manage Visual Studio Performance Never show this again". The code editor displays the file "UQP/Controllers/ACL_RoleController.cs". The code is as follows:

```
25 [EnableCors(origins: "*", headers: "*", methods: "*")]
26 [Authorize]
27
28 [References]
29 public class ACL_RoleController : ApiController
30 {
31     /// <summary>
32     /// Get the connection from context class
33     /// </summary>
34     private UQPEntities db = new UQPEntities();
35
36     /// <summary>
37     /// Get the list of all Access control from database associated with provided role id
38     /// GET: api/ACL_Role/5
39     /// <param name="id"></param>
40     /// <returns></returns>
41
42     [HttpGet]
43
44     [Route("api/aclrole/{id}")]
45     [References]
46     public HttpResponseMessage ACL(long id)
47     {
48         try
49         {
50             //{
51                 List<CustomACL> obicustomacl = new List<CustomACL>();
```

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Debug - Any CPU IIS Express (Google Chrome)

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UQP

```
42 [HttpGet]
43
44 [Route("api/aclrole/{id}")]
45 public HttpResponseMessage ACL(long id)
46 {
47     try
48     {
49         //{
50             List<CustomeACL> objcustomacl = new List<CustomeACL>();
51             var distinctquery = (from ac in db.ACls.AsNoTracking()
52                                 select new { ac.Category }).ToList();
53
54             var lstDistAcl = distinctquery.Distinct();
55
56             foreach (var a in lstDistAcl)
57             {
58                 List<CustomeACLFunction> objcusome = new List<CustomeACLFunction>();
59                 CustomeACL obj = new CustomeACL();
60                 obj.categoryname = a.Category;
61
62                 var aclrole = db.ACL_Role.AsNoTracking().FirstOrDefault(e => e.Role_ID == id);
63                 dynamic query = null;
64                 if (aclrole == null)
65                 {
66                     query = (from aclr in db.ACls
67                               //join ar in db.ACL_Role on aclr.id equals ar.ACL_ID
68
69
100 %
```

Microsoft Visual Studio

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192.61.59.225

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```

UOP.Controllers.ACL_RoleController

77 JOIN ar IN db.AC1_Role ON aclr.ID equals ar.AC1_ID

where aclr.Category == a.Category //& ar.Role_ID == id
select new { aclr.Category, aclr.Functions, aclr.AddACL, aclr.EditACL, aclr.ViewACL, aclr.ID }
.OrderBy(x => x.Functions).ToList();

}

else

{

query = (from aclr in db.AC1s.ASNotTracking()
join ar in db.AC1_Role on aclr.ID equals ar.AC1_ID

where aclr.Category == a.Category & ar.Role_ID == id
select new { aclr.Category, aclr.Functions, ar.AddACL, ar.EditACL, ar.ViewACL, ar.ID, ar.AC1_ID })
.OrderBy(x => x.Functions).ToList();

}

foreach (var q in query)

{

CustomACLFunction obj2 = new CustomACLFunction();
obj2.functionname = q.Functions;
obj2.acladd = q.AddACL;
obj2.acredit = q.EditACL;
obj2.aclview = q.ViewACL;
obj2.functionid = q.ID == null ? 0 : q.ID;

obj2.aclid = (aclrole == null) ? 0 : q.AC1_ID; ;
objcusome.Add(obj2);

}

obj.customeraclfunction = objcusome;

Output

Show output from: Source Control - Team Foundation

UQP - Microsoft Visual Studio 192.168.0.205

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UQP

```
89     obj2.aciview = q.VIEWACL;
90     obj2.functionid = q.id == null ? 0 : q.id;
91
92     obj2.aclid = (aclrole == null) ? 0 : q.ACIL_ID;
93     objcusome.Add(obj2);
94 }
95     obj.customeraclfunction = objcusome;
96
97     objcustomacl.Add(obj);
98
99 }
100    return Request.CreateResponse(HttpStatusCode.OK, objcustomacl);
101   //}
102 }
103 catch (Exception e)
104 {
105     return Request.CreateResponse(HttpStatusCode.BadRequest, e);
106 }
107
108 }
109
110 /**
111  * <summary>
```

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User_Details.cs ProviderDetailsTesting.cs ProvidersController.cs Source Control Explorer

UQP
UQP.Controllers.ACL_RoleController
ACL(long id)

```
110
111     /// <summary>
112     ///
113     /// </summary>
114     /// <param name="id"></param>
115     /// <param name="listcustomeACL"></param>
116     /// <returns></returns>
117     [HttpPost]
118     [Route("api/aclrole/{id}")]
119     [ResponseType(typeof(void))]
120
121     [References]
122     public HttpResponseMessage ACL(int id, List<CustomeACL> listcustomeACL)
123     {
124         if (!ModelState.IsValid)
125         {
126             return Request.CreateResponse(HttpStatusCode.BadRequest, "Inputs are invalid ");
127         }
128         try
129         {
130             //using (.UQPEntities db = new UQPEntities(HttpContext.Current.Request.Headers.GetValues("IPA").FirstOrDefault()))
131             //{
132                 var entity = db.ACL_Role.AsNoTracking().FirstOrDefault(e => e.Role_ID == id);
133
134                 foreach (var customeACL in listcustomeACL)
135                 {
136                     if (entity != null)
137                     {
138                         foreach (var objcustacl in customeACL.customeraclfunction)
```

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Source Control Explorer

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UQP

```
134     foreach (var customeACL in db.CUSTOMEACL)
135     {
136         if (entity != null)
137         {
138             foreach (var objcustacl in customeACL.customeraclfunction)
139             {
140                 var funcvalue = db.ACRLRole.FirstOrDefault(e => e.id == objcustacl.functionid);
141                 funcvalue.AddACL = objcustacl.acladd;
142                 funcvalue.EditACL = objcustacl.acledit;
143                 funcvalue.ViewACL = objcustacl.aclview;
144                 db.SaveChanges();
145             }
146         }
147     }
148     else
149     {
150         foreach (var q in customeACL.customeraclfunction)
151         {
152             ACL_Role ar = new ACL_Role();
153             var results = db.ACRLs.AsNoTracking().FirstOrDefault(e => e.Functions == q.functionname);
154
155             ar.ACRL_ID = results.id;
156
157             ar.AddACL = q.acladd;
158             ar.EditACL = q.acledit;
159             ar.ViewACL = q.aclview;
160             ar.Role_ID = id;
161         }
162     }
163 }
```

UQP - Microsoft Visual Studio

192.61.69.203

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Debug Any CPU IIS Express (Google Chrome)

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UQP

158 ar.AddACL = q.acladd;
159 ar.EditACL = q.acledit;
160 ar.ViewACL = q.aclview;
161 ar.Role_ID = id;
162 db.ACL_Role.Add(ar);
163 db.SaveChanges();
164
165
166
167
168 }
169
170 }
171 return Request.CreateResponse(HttpStatusCode.OK, "ACL has been added/updated successfully");
172 //}
173 }
174 catch (Exception ex)
175 {
176 return Request.CreateErrorResponse(HttpStatusCode.BadRequest, ex);
177 }
178
179 }
180
181 }

UQP - Microsoft Visual Studio 192.61.99.225

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Debug Any CPU IIS Express (Google Chrome)

You can improve 'Startup' performance by auto hiding or collapsing 'Source Control Explorer' window. Manage Visual Studio Performance Never show this again

ACL_RoleController.cs* User_Details.cs ProviderDetailsTesting.cs ProvidersController.cs Source Control Explorer

UQP UQP.Controllers.ACL_RoleController ACL(long id)

```
178
179     }
180
181     [References]
182     protected override void Dispose(bool disposing)
183     {
184         if (disposing)
185         {
186             db.Dispose();
187         }
188         base.Dispose(disposing);
189     }
190
191 }
```


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Debug Any CPU IIS Express (Google Chrome)

An improve 'Startup' performance by auto hiding or collapsing 'Source Control Explorer' window. Manage Visual Studio Performance Never show this again

ACL_RoleController.cs* User_Details.cs ProviderDetailsTesting.cs ProvidersController.cs Source Control Explorer

UQP

213 if (n == 0)
214 {
215 var query = (from a in db.ACL_Column.AsNoTracking()
216 where a.ACL_id == aclid
217 select new
218 {
219 a.ACL_id,
220 a.Column_name,
221 a.ID,
222 a.View_Status
223 }).ToList();
224 foreach (var q in query)
225 {
226 acl_columns columns = new acl_columns();
227 columns.rowid = q.ID;
228 columns.aclid = q.ACL_id.Value;
229 columns.column_name = q.Column_name;
230 columns.viewstatus = q.View_Status.Value;
231 columnlist.Add(columns);
232 }
233 return Request.CreateResponse(HttpStatusCode.OK, columnlist);
234 }
235 if (n > 0)
236 {
237 foreach (var value in x)
238 {
239 acl_columns columns = new acl_columns();
240 columns.

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Server Explorer Toolbox

ACL_RoleController.cs* User_Details.cs ProviderDetailsTesting.cs ProvidersController.cs Source Control Explorer

UQP

UQP.Controllers.ACL_RoleController

ACL(long id)

```
237
238     {
239         foreach (var value in x)
240         {
241             acl_columns columns = new acl_columns();
242             columns.aclid = value.AC_Id.Value;
243             columns.rowid = value.Row_ID.Value;
244             columns.column_name = db.AC_Column.FirstOrDefault(e => e.ID == value.Row_ID).Column_name;
245             columns.viewstatus = value.View_Status.Value;
246             columnlist.Add(columns);
247         }
248         return Request.CreateResponse(HttpStatusCode.OK, columnlist);
249     }
250     return Request.CreateResponse(HttpStatusCode.OK, "");
251 }
252 catch(Exception ex)
253 {
254     return Request.CreateResponse(HttpStatusCode.BadRequest, ex.Message);
255 }
256 }
257 }
```

Microsoft Visual Studio

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192.61.99.225

prove 'Startup' performance by auto hiding or collapsing 'Source Control Explorer' window. Manage Visual Studio Performance Never show this again

Controller.cs* User_Details.cs ProviderDetailsTesting.cs ProvidersController.cs Source Control Explorer

UQP.Controllers.AC ACL(long id)

```
[HttpPut]
[Route("api/aclcolumns/{roleid}/{aclid}")]
public HttpResponseMessage updateAclcolumns(long roleid, long aclid, List<acl_columns> aclst)
{
    if (!ModelState.IsValid)
    {
        return Request.CreateResponse(HttpStatusCode.BadRequest, "Inputs are invalid");
    }
    try
    {
        //using (UQPEntities db = new UQPEntities(HttpContext.Current.Request.Headers.GetValues("IPA").FirstOrDefault()))
        //{
            var entity = db.AC_Column_By_Role.FirstOrDefault(e => e.Role_id == roleid && e.AC_id == aclid);
            foreach (var value in aclst)
            {
                if (entity != null)
                {
                    var funcvalue = db.AC_Column_By_Role.FirstOrDefault(e => e.Row_ID == value.rowid && e.Role_id == roleid && e.AC_id == aclid);
                    if (funcvalue != null)
                    {
                        funcvalue.View_Status = value.viewstatus;
                        db.SaveChanges();
                    }
                }
            }
        //}
    }
}
```

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```
else
{
    ACL_Column_By_Role acl = new ACL_Column_By_Role();
    acl.ACL_id = value.aclid;
    acl.Role_id = Convert.ToInt32(roleid);
    acl.Row_ID = value.rowid;
    acl.View_Status = value.viewstatus;
    db.ACL_Column_By_Role.Add(acl);
    db.SaveChanges();

}

return Request.CreateResponse(HttpStatusCode.OK, "ACL has been updated successfully");
// }

}

catch (Exception e)
{
    return Request.CreateResponse(HttpStatusCode.BadRequest,e);
}
}
```

Output

Show output from: Source Control - Team Foundation

To attempt to reconnect to source control, close and restart Visual Studio.

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RoleController.cs* User_Details.cs ProviderDetailsTesting.cs ProvidersController.cs Source Control Explorer

UQP.Controllers.ACL_RoleController ACL(long id)

```
311 }
312
313 //To track who changes the ACL
314 [HttpPost]
315 [Route("api/aclrole/confirm")]
316 public HttpResponseMessage confirm(ACL_Tracking track)
317 {
318     try
319     {
320         var ip = db.LoginDetails.AsNoTracking().Where(e => e.Id == track.loginid).Select(e => eIpAddress).FirstOrDefault();
321         ACL_Track acl = new ACL_Track
322         {
323             userid = track.userid,
324             change_roleid = track.roleid,
325             emailid = track.emailid,
326             modifieddate = DateTime.Now,
327             ipaddress = ip
328         };
329         db.ACL_Track.Add(acl);
330         db.SaveChanges();
331
332         List<ACL_Change_Details> ACL_ChangeList = new List<ACL_Change_Details>();
333         foreach (var value in track.acclist)
334         {
335             ACL_Change_Details obj = new ACL_Change_Details
336             {
337                 acl_id = value.aclid,
```

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CL_RoleController.cs* User_Details.cs ProviderDetailsTesting.cs ProvidersController.cs Source Control Explorer

UQP

ACL(long id)

```
328
329     db.ACL_Track.Add(acl);
330     db.SaveChanges();
331
332     List<ACL_Change_Details> ACL_ChangeList = new List<ACL_Change_Details>();
333     foreach (var value in track.acllist)
334     {
335         ACL_Change_Details obj = new ACL_Change_Details
336         {
337             acl_id = value.aclid,
338             acl_track_id = acl.id,
339             AddACL = value.acladd,
340             ViewACL = value.aclview,
341             EditACL = value.acledit
342         };
343         ACL_ChangeList.Add(obj);
344     }
345     db.ACL_Change_Details.AddRange(ACL_ChangeList);
346     db.SaveChanges();
347     return Request.CreateResponse(HttpStatusCode.OK, "Tracked successfully");
348 }
349 catch(Exception ex)
350 {
351     return Request.CreateResponse(HttpStatusCode.InternalServerError, ex);
352 }
353
354
355
356 }
```