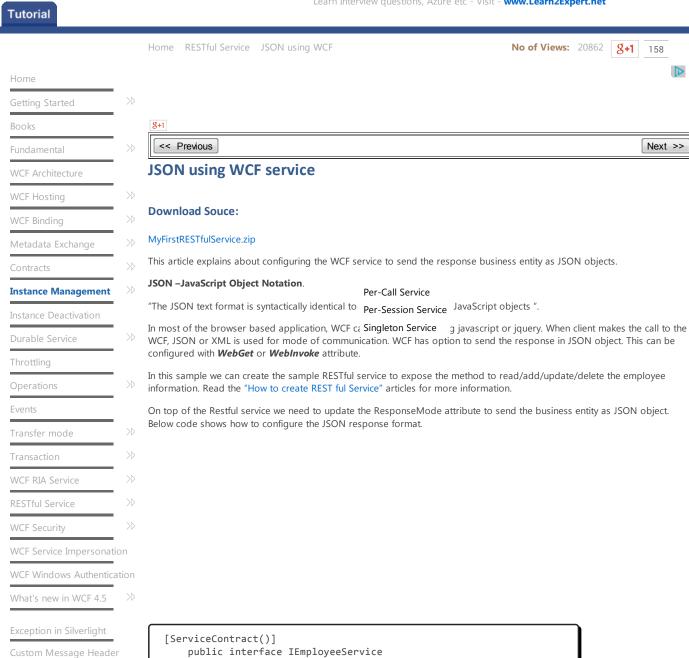
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```
public interface IEmployeeService
    [WebGet(UriTemplate = "Employee", ResponseFormat=WebMessageFor
    [OperationContract]
    List < Employee > GetAllEmployeeDetails();
    [WebGet(UriTemplate = "Employee?id={id}", ResponseFormat = Web
    [OperationContract]
    Employee GetEmployee(int Id);
    [WebInvoke(Method = "POST", UriTemplate = "EmployeePOST", Resp
    [OperationContract]
    void AddEmployee(Employee newEmp);
    [WebInvoke(Method = "PUT", UriTemplate = "EmployeePUT", Respon
    [OperationContract]
    void UpdateEmployee(Employee newEmp);
    [WebInvoke(Method = "DELETE", UriTemplate = "Employee/{empId}"
    [OperationContract]
    void DeleteEmployee(string empId);
}
```

Introduction to WCF 4.0

WCF Vulnerability Testing

Author

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You can see that WCF response are send as JSON object while accessing data using browser.



Below sample is the ASP.Net web application is used to explains about the CRUD from WCF service with response as JSON object.

GET Method

```
function RefreshPage() {
       var serviceUrl = "http://saravana:8090/MyService/EmployeeSer
       $.ajax({
           type: "GET",
           url: serviceUrl,
           dataType: 'json',
           contentType: "application/json; charset=utf-8",
           success: function (data) {
              var itemRow = "";
              $.each(data, function (index, item) {
                  });
              itemRow += "";
              $("#divItems").html(itemRow);
           },
           error: ServiceFailed
       });
    }
```

POST Method

PUT Method

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DELETE Method



g+1

Tips!

- Always create the service with Interface->Implementation format, mention the contract in Interface.
- Define the service in Class library and refer the class library in Host project. Don't use service class in host project.
- Change the instance mode to per call as default.
- Always catch exception using try/catch block and throw exception using FaultException < T >.
- Logging and Include exception should be enable while compiling the project in debug mode. While in production deployment disable the logging and Include exception details.



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