

## install Microsoft.AspNetCore.Mvc.NewtonsoftJson

```
services.AddControllers().AddNewtonsoftJson();
```

### object to String

```
Product product = new Product();
product.Name = "Apple";
product.Expiry = new DateTime(2008, 12, 28);
product.Sizes = new string[] { "Small" };

string json = JsonConvert.SerializeObject(product);
// {
//   "Name": "Apple",
//   "Expiry": "2008-12-28T00:00:00",
//   "Sizes": [
//     "Small"
//   ]
// }
```

### string to object

```
string json = @"{
  'Name': 'Bad Boys',
  'ReleaseDate': '1995-4-7T00:00:00',
  'Genres': [
    'Action',
    'Comedy'
  ]
}";

Movie m = JsonConvert.DeserializeObject<Movie>(json);

string name = m.Name;
// Bad Boys
```

SerializeObject(Object) Serializes the specified object to a JSON string.

[HttpPost]

```
public string Test([FromBody]Rootobject accounts)
{
    string json = JsonConvert.SerializeObject(accounts);

    Console.WriteLine("success");

    return json;
}
```

```
}
```

In Deserialization, it does the opposite of Serialization which means it converts JSON string to custom .Net object.

```
BlogSites bsObj = JsonConvert.DeserializeObject<BlogSites>(json);
```