System.MarshalByRefObject Class

```
[ILAsm]
.class public abstract serializable MarshalByRefObject extends
System.Object


[C#]
public abstract class MarshalByRefObject
```

Assembly Info:

- *Name:* mscorlib
- *Public Key:* [00 00 00 00 00 00 00 00 04 00 00 00 00 00 00 00]
- *Version:* 2.0.x.x
- *Attributes:*
  - CLSCompliantAttribute(true)

Summary

Enables access to objects across application domain boundaries in
implementations that support remoting.

Inherits From: System.Object

Library: BCL

Thread Safety: All public static members of this type are safe for multithreaded
operations. No instance members are guaranteed to be thread safe.

Description

[*Note:* An application domain is a partition in an OS process where one or more
applications reside. Objects in the same application domain communicate
directly. Objects that reside in different application domains communicate either
by transporting copies of objects across application domain boundaries, or by
exchanging messages via proxy.]

`System.MarshalByRefObject` is the base class for objects that communicate
across application domain boundaries by exchanging messages via a proxy.
Objects that do not inherit from `System.MarshalByRefObject` are implicitly
marshal by value. When a remote application references a *marshal by value*
object, a copy of the object is passed across application domain boundaries.