

ECMA-127, Remote Procedure Call (RPC) using OSI Remote Operations

SCOPE

The subject of this ECMA Standard is Remote Procedure Call (RPC) for open distributed processing using the ISO 9072/1 and 9072/2 Remote Operations notation, services and protocols. These OSI standards are used without change.

The Standard:

- defines an RPC model;
- defines RPC service primitives to model the procedure invocation constructs common to many (but not all) ISO programming languages;
- defines constructs to support the passing of data types common to many (but not all) ISO programming languages;
- defines RPC error management;
- defines how to specify OSI Application Service Elements with structure appropriate to RPC;
- defines an RPC Application Context;
- defines use of existing OSI protocols to support this RPC Application Context.

The standard does not include specific language bindings for RPC.

The field of application of this standard is: **specifications** of RPC-oriented distributed application interactions, and **implementations** of the protocols to support such applications.