

REMOTE PROCEDURE CALLS IN GO

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RPC IN GO

- Client and server stubs written in Go
- The “wire” protocol between client and server is not XML, but *gob* which is a Go-specific encoding of structs, variables, arrays, etc.
 - Defined at <https://golang.org/pkg/encoding/gob/>
- We’re using HTTP as our “transport” protocol of these *gob* messages

EXPORTING PROCEDURES

- Methods of an object/struct are available over the network to clients if:
 - the method's type is exported (capitalized)
 - the method is exported.
 - the method has two arguments, both exported (or builtin) types.
 - the method's second argument is a pointer.
 - the method has return type error.
- Exported methods look like:
 - **func (t *T) MethodName(argType T1, replyType *T2) error**

CLIENT/SERVER DEMO

- [\[link to code in canvas\]](#)

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