Conga Cheat Sheet – Dyalog'17 Workshop SA2

Basic Functions

```
rc ←    [reset] DRC.Init {''}
(rc name) ←    DRC.Clt {name} {Address} [Port] [Mode] [('SSLValidation' nn)] [('X509' cert)]
(rc name) ←    DRC.Srv {name} [Address] [Port] [Mode] [('SSLValidation' nn)] [('X509' cert)]
(rc objname) ← DRC.Send {objname} {data}
rc ←           DRC.Close {objname}
(rc objname event data) ← DRC.Wait {objname} [timeout]
```

Command Mode

```
rc ← DRC.Respond {commandname} {data}
rc ← DRC.Progress {commandname} {data}
```

Might Also be Needed, e.g. to set RootCertDir and read PeerCert

```
DRC.SetProp {objectname} {property} {value}
DRC.GetProp {objectname} {property}
```

Classy Conga

```
srv←Conga.Srv port class
srv.Start|Stop
clt←Conga.Clt address port
res←clt.SendRecv array
```

Example of Reading a Test Certificate

```
tc←(2 ⎕NQ '.' 'GetEnvironment' 'Dyalog'),'/TestCertificates'
geoff←⊃DRC.ReadCertFromFile tc,'/client/geoff-cert.pem'
geoff.KeyOrigin←'DER' (tc,'/client/geoff-key.pem')
```