



Multiple methods and modes of communicating with the radio are provided. Commands can originate at the application (like a console) or from a 3rd party program.

Transactions between the clients and servers are serialized in XML format.

Sample XML message (automatically generated by .NET):

```
<?xml version="1.0" encoding="utf-16"?>
<CATTransaction
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <CatClientID>1</CatClientID>
  <ApiClientID>1</ApiClientID>
  <Catpfx>ag</Catpfx>
  <Catcmd>ag0;</Catcmd>
  <Apicmd>ans,AF,0,20</Apicmd>
  <Ans>ag0051;</Ans>
</CATTransaction>
```

The data for each transaction is stored in an instance of a CATTransaction class. Data elements are filled in as the transaction passes through each phase of the conversion. The CAT command "AG0;" becomes "get,AF,0," as a request to the radio. The radio answers with "ans,AF,0,20" which the CAT Parser translates to "AG0020;" which is returned to the originator of the request.

Note: The XML message above doesn't show "get,AF,0," because it was overwritten by the answer "ans,AF,0,20".