

```
000001      h  dftactgrp(*no) option(*nodebugio)
000002
000003      D XMLHandler          pr          10i 0
000004      D  MyCommArea          100
000005      D  CityData            likeds(citydata) dim(3) const
000006      D  citiesparsed        10i 0 value
000007
000008      D Cities                ds          qualified
000009      D CityData              likeds(CityData) dim(3)
000010      D
000011      D CityData              ds          qualified
000012      D  CityName            20
000013      D  Region              20
000014      D  MonthlyData         likeds(MonthlyDataDS) dim(3)
000015
000016      D MonthlyDataDS        ds
000017      D  Month                9
000018      D  Low                  3
000019      D  High                  3
000020
000021      D  options1             s          100a
000022      D  filename             S          25a  inz('/xmldocs/citydata2.xml') varying
000023      *  MyCommArea can be defined as any type/size you'd like.
000024      *  It is used to communicate to the handler.
000025      D  MyCommArea           s          100
000026
000027      /free
000028
000029      //  Setup parsing options
000030      options1 = 'doc=file  +
000031              allowextra=yes allowmissing=yes case=any path=Cities/CityData';
000032
000033      //  Capture header data
000034      xml-into %handler(XMLHandler:MyCommArea) %xml(filename:options1);
000035
```

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000036
000037      *inlr = *on;
000038      return;
000039  /end-free
000040
000041      // This handler will be called each time the cities array fills up.
000042      // Will return back to xml-into statement to continue until no data left to parse
000043      // Parsed data will be written to local file citydata2
000044      // "STATIC" keyword not used on F spec, file will be opened and closed each time.
000045      // Note - Local files require V6.1
000046
000047  P XMLHandler      b
000048
000049  Fcitydata2 o  a e              disk      qualified
000050
000051  Dcitydatards      DS              likerec(citydata2.citydatar:*output)
000052
000053  d              pi              10i 0
000054  D MyCommArea              100
000055  D cities              likeds(citydata) dim(3) const
000056  D citiesparsed              10i 0 value
000057  D
000058  D  x              S              2  0
000059  D  y              S              2  0
000060
000061
000062  /free
000063
000064      // Each time this handler is executed, write parsed data to file
000065      // There will be 3 months of data for each city processed.
000066      for x = 1 to citiesparsed;
000067          citydatards.cityname = cities(x).cityname;
000068          citydatards.region = cities(x).region;
000069

```

```
000070         for y = 1 to 3;
000071             citydatards.monthname = cities(x).monthlydata(y).month;
000072             citydatards.low = cities(x).monthlydata(y).low;
000073             citydatards.high = cities(x).monthlydata(y).high;
000074             write citydata2.citydatar citydatards;
000075             endfor;
000076
000077         endfor;
000078
000079         return 0;
000080
000081     /end-free
000082 P XMLHandler      e
000083
```