

Using a Smart Chart in a Non- NOMADS Environment

PxPlus 2019 (v16)

Non-NOMADS Integration

Smart Charts in a Non-NOMADS Environment

- Integrating Smart Charts into a non-NOMADS application
 - Use NOMADS to define a Query and AutoChart to supply data and chart info
 - NOMADS features can be integrated into a non-NOMADS environment
 - Create a chart object in your program
 - Use a CALL to the “[*tools/chartimage](#)” program to load the chart

Example using a *Plus* chart:

```
myChart=NEW(“*obj/chart”)  
CALL “*tools/chartimage”, QueryName$,QueryLib$,ChartName$,myChart,0  
myChart'Draw(0,col,ln,colsWide,linesHigh)  
! ...  
DROP OBJECT myChart
```

Chart Image Utility

Smart Charts in a Non-NOMADS Environment

- Chart Image Generator Utility
 - New CALL format for `*tools/chartimage` allows you to load chart data based on a Query `AutoChart` definition

NEW!

Load a Chart from a Query AutoChart Definition

- `CALL "*tools/chartimage", query$, library$, chart$, control_id [control_settings, var_iol$, var_rec$]`
- Alternate CALL formats for `*tools/chartimage` to generate chart images have been updated to use new up-to-date conversion tools and to support Plus charts

Additional Resources

The help link(s) below refer to the current on-line help pages. The functionality may have been further updated since the PxPlus 2019 (version 16) release.

- [Charting](#)
- [NOMADS Chart Control](#)
- [NOMADS AutoChart](#)
- [Smart Controls](#)
- [Creating a Query AutoChart Definition](#)
- [Using Smart Controls Outside of NOMADS](#)