

PROGRAMMING WITH ABL CLASSES IN OPENEDGE 10

John Sadd
Fellow and OpenEdge Evangelist
Document Version 1.0
July 2010



John Sadd



DISCLAIMER

Certain portions of this document contain information about Progress Software Corporation's plans for future product development and overall business strategies. Such information is proprietary and confidential to Progress Software Corporation and may be used by you solely in accordance with the terms and conditions specified in the PSDN Online (<http://www.psdn.com>) Terms of Use (<http://psdn.progress.com/terms/index.ssp>). Progress Software Corporation reserves the right, in its sole discretion, to modify or abandon without notice any of the plans described herein pertaining to future development and/or business development strategies. Any reference to third party software and/or features is intended for illustration purposes only. Progress Software Corporation does not endorse or sponsor such third parties or software.

This document accompanies the video series on ***Programming with ABL Classes in OpenEdge 10***. The paper summarizes the content of the video sessions, and provides complete code samples used in the videos. It does not duplicate all the spoken text of the videos, which should be viewed to get a more complete understanding of what the code samples show.

The two-part session ***Introduction to Class Syntax in ABL*** starts by showing a simple ABL procedure that can be run as a persistent procedure, with internal procedures and user-defined functions.

```
/*-----
File      : SampleProc.p

Description : Sample procedure to use to compare procedural coding to
              class-based
-----*/
```

The Definitions section includes definitions for the temp-table, a ProDataSet, a DataSource for the ProDataSet, a static query, and an ordinary variable.

```
/* ***** Definitions ***** */

DEFINE TEMP-TABLE ttEmployee
  FIELD EmployeeID      AS CHARACTER
  FIELD EmployeeFirstName AS CHARACTER
  FIELD EmployeeLastName AS CHARACTER
  FIELD EmployeePosition AS CHARACTER
  FIELD EmployeeStartDate AS DATE
  FIELD EmployeeNotes    AS CHARACTER
  FIELD EmployeeBirthCountry AS CHARACTER
  FIELD EmployeeGender    AS CHARACTER.

DEFINE DATASET dsEmployee FOR ttEmployee.
DEFINE DATA-SOURCE srcEmployee FOR AutoEdge.Employee.

DEFINE QUERY qEmployee FOR ttEmployee.

DEFINE VARIABLE cAssignedCountry AS CHARACTER NO-UNDO.
```