John Sadd
Fellow and OpenEdge Evangelist
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Programming with ABL Classes in
OpenEdge 10

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John Sadd

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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 Data-Source 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.
```