Database - Feature #1926

create an en_GB@p2j_basic locale definition

11/26/2012 12:22 PM - Eric Faulhaber

Status:	Hold		**Start date:**	11/26/2012
Priority:	Normal		**Due date:**	
Assignee:	Eric Faulhaber		**% Done:**	40%
Category:			**Estimated time:**	24.00 hours
Target version:				
billable:	No		**version:**	
vendor_id:	GCD			

Description

History

#1 - 11/26/2012 12:26 PM - Eric Faulhaber

Model this after locale/en_US@p2j_basic, customizing LC_CTYPE and LC_COLLATE sections. Use en_GB as a basis instead of en_US.

#2 - 12/07/2012 01:11 PM - Eric Faulhaber

- % Done changed from 0 to 30

#3 - 12/13/2012 12:21 PM - Eric Faulhaber

- % Done changed from 30 to 40

I have done a first cut of this as described above, but I'm pretty sure it's not quite right yet.

I exported the collation table for ISO_8859-15 from the data dictionary on windev01. I used the CASE-SENSITIVE-SORT section of the export file with P2JLocaleHelper to produce the LC_COLLATE section of en_GB@p2j_basic. Strangely, the exported file had empty sections for the uppercase/lowercase maps. I ended up referring to en_US@p2j_basic for the LC_CTYPE section, but I don't think this is right. I probably need to write a 4GL program to walk each code point from 0x00 to 0xFF and generate my own upper- and lowercase mappings. Also need to revisit other parts of the LC_CTYPE for accuracy (e.g., punct, xdigit?), since there are some differences between ISO_8859-1 (on which en_US@p2j_basic is based) and ISO_8859-15.

However, I've generated an interim en_GB@p2j_basic locale for Linux on my development system and initialized a PostgreSQL cluster named p2j_enGB on top of it, to make sure the mechanism is OK.

#4 - 12/18/2012 05:50 PM - Eric Faulhaber

Here is the information screen for the <db_name> database on windev01 from the Data Administration --> Utilities --> Information menu item:

```
                    Currently Selected Database
      Connected DBs: 1
          Connected: yes
      Physical name: F:\l\db\<db_name>
       Logical name: <db_name>
      Schema holder: <db_name>
      Database type: PROGRESS
   Database version: 10
       Restrictions:
   Database user id:
```

```
   Database code page: iso8859-1
  Database collation: basic
    64-bit Sequences: enabled
   Large key entries: enabled


                    OpenEdge and Operating System
 Operating System: WIN32
      PRO version: 10.2B
       DataServers: PROGRESS,ORACLE,ODBC,MSS


                    Environment/Startup Parameters
   -yy century setting: 1950      Decimal point character: .
   -d dmy date setting: dmy           Thousands separator: ,


         Session stream: ISO8859-15
        Session charset: ISO8859-15


   PROPATH = .,d:\oe102b\gui,d:\oe102b\gui\adecomm.pl,
            d:\oe102b\gui\adecomp.pl,d:\oe102b\gui\adedesk.pl,
            d:\oe102b\gui\adedict.pl,d:\oe102b\gui\adeedit.pl,
            d:\oe102b\gui\adeicon.pl,d:\oe102b\gui\aderes.pl,
            d:\oe102b\gui\adeshar.pl,d:\oe102b\gui\adeuib.pl,
            d:\oe102b\gui\adeweb.pl,d:\oe102b\gui\adexml.pl,
            d:\oe102b\gui\prodict.pl,d:\oe102b\gui\protools.pl,
            d:\oe102b,d:\oe102b\bin


                              Screen
            Screen lines: 15
           Message lines: 2
            Space-taking: no
           Terminal type: WIN3
```

Note that the database code page is iso8859-1, though the session stream and session charset are iso8859-15. I'm not sure to what the latter two items refer, but the former (plus the fact that the collation is 'basic') suggests that our en_US@p2j_basic locale will work fine for this database.

#5 - 01/02/2013 01:08 AM - Eric Faulhaber

- Status changed from WIP to Hold

#6 - 01/14/2013 10:52 AM - Greg Shah

- Target version changed from Milestone 3 to Milestone 11

The customer has confirmed that they normally use 8859-1 for the database but 8859-15 for the 4GL environment (code execution). They are deciding if they will switch the DB to 8859-15. This task is on hold pending the result of their investigation/decision.

#7 - 05/02/2013 10:31 PM - Eric Faulhaber

- Target version deleted (Milestone 11)

- Estimated time changed from 4.00 to 24.00