

WebCampus CE6 from Blackboard
Focus Example BBEXTYYT

The following is an example of a focus program used by GBC called BBEXT81. This program calls additional extract programs and puts all files together to send into the production Focus programs which will create the XML file. As this is the main extract program, this is the program that will be entered as a parm in the request for job definition BBEXT1. The blue lettering is added comments.

BBEXT81 – Example Focus Program from GBC

A. The common parameters used are the year, term, institution, and number of days. For consistency, these parms are used in most focus programs for BlackBoard. Not all parameters are actually used in each program.

```

-*RUNPARMS &YR &TM &INST &DAYS
-*-----
-*----- USED IN TESTING CURRENTLY FOR GBC ALL QA 2006 3-----
-*-----
-*  PARAMETERS ENTERED AT RUN TIME ARE:
-*  &YR   - 4 CHAR YEAR, USED AS SELECTION CRITERIA
-*  &TM   - 1 CHAR TERM CODE, USED AS SELECTION CRITERIA
-*  &INST - 1 CHAR INSTITUTION CODE
-*  &DAYS - 1 NUMBER OF DAYS TO SELECT FOR LAST MOD - 0 GET ALL-
-*-----

```

B. Execute the focus program for the manual cross listing. This program will return a held file called BBEXTXL.

```
EX BBXL81  YR=&YR, TM=&TM, INST=&INST, DAYS=&DAYS
```

C. Execute the focus program for the normal WebCampus classes. This programs will return a held file called BBEXTCL.

```
EX BBWEB81 YR=&YR, TM=&TM, INST=&INST, DAYS=&DAYS
```

D. Execute the focus program which will create the automated cross listing for GBC's enhanced classes. This program will return a held file called BBEXTIAV.

```
EX BBI81  YR=&YR, TM=&TM, INST=&INST, DAYS=&DAYS
```

E. Execute the focus program which will create the automated cross listing for GBC's High School classes. This program will return a held file called BBEXTHS.

```
EX BBHS81 YR=&YR, TM=&TM, INST=&INST, DAYS=&DAYS
```

```

-*-----
-*  CREATE BLACKBOARD WEBCT EXTRACT FILE
-*  SEND ALL CLASSES REGARDLESS OF MOD DATE, LIMIT AT XML TIME
-*  THIS WILL ALLOW UPDATES FOR STUDENTS OF ALL CLASSES.
-*-----

```

```
SET ALL = ON
JOIN CLEAR *
```

```

-*-----

```

F. Create the final file which is passed to the XML creation programs. The output from this file is the list of classes which will be loaded into WebCampus. The faculty members and students enrolled in these classes will also have enrollment XML built. This step combines multiple files together. In this sample the BBEXTXL, BBEXTCL, BBEXTIAV, and BBEXTHS files are merged together. The SUM statement is used so that if a class is selected as both a cross listed and non-cross listed class, only the cross listed class will be created. This simplifies the BBWEB program so that every class selected for cross listing does not need to be de-selected in it.

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```
TABLE FILE BBEXTXL
SUM
  BBFLID
  BBSCTBEGDT
  BBYEAR
  BBTERM
  BBINST
  BBDAYS
  MAX.BBTYPE AS 'BBTYPE'
BY BBKEY
ON TABLE SAVE AS BBEXT

MORE
FILE BBEXTCL
MORE
FILE BBEXTIAV
MORE
FILE BBEXTHS
END
```

G. When running the program online, you can comment out the "ON TABLE SAVE" line by placing a "--*" in the line. This will cause the list of classes to display on the screen. Also it is possible to view the saved file before doing the WebCampus load, please see the "On Demand Load" document for instructions on viewing the file.