

All Roads Lead to Rome(Banner)



About me

- Curtis Scheer
- Application Database Administrator
- 5 years of experience supporting and administrating Banner, Oracle, Cognos and ODS
- Software developer prior to joining Northeast Community College
- Part of a small technical team that supports the Banner systems

Why should we integrate

- **Integration Business Case**

- **Tactical Reasons (Operational)**

- Double data entry is costly and can be error prone
 - Maintain data integrity in a single system of record
 - Support best of breed approach

- **Strategic Reasons**

- Our students demand it
 - Quicker adoption of software to meet needs of the organization
 - Technology can be a strategic advantage
 - Replacing old systems is costly/time consuming
 - Augment your investment in your core systems
 - Creates an end to end technology system

Our integration tools **Automatic**[™]

- **UC4** (formally AppWorx now *Automatic*)
- **Benefits**
 - Automation of Banner job submission processes
 - Success and/or failure notifications
 - Chaining of jobs together in a process flow
 - Grouping of jobs for parallel execution within the same job flow and conditional job execution
 - Support of custom scripts to allow for a variety of different integration patterns

College Store Software WinPRISM[®]

- Key goals of project
 - Introduce an online bookstore for our online students
 - Inventory control for improved inventory management
 - Automate manual processes from old system
 - Continue to allow students to purchase books with awarded financial aid

College Store Software

- Bi-directional integration points
 - Banner outbound data
 - Student AR balances
 - Student information
 - Courses, Sections and Enrollment
 - Finance FOAPAL
 - Banner inbound data
 - Journal vouchers into Banner Finance
 - Invoices and credit memos into Banner Finance
 - Student charges into Banner AR



- Key Benefits of integration
 - Automated add/drop of students in classes that use LMS
 - Automation of cross listing of courses to tie together labs with their primary course in Sakai
- Integration points
 - Courses, sections, rosters and students
 - Course sections cross listing

Jupiter Grades

- Key Benefits
 - Automated add/drop of students in classes for online grade book
 - Faculty get a choice between grade books Sakai or Jupiter grades
- Integration Points
 - Courses, sections, rosters and students

Banner job submission automation

Automic V8 - Applications Manager

File Activities Object Admin Options View Tools Help

Jobs: RCPMTCH

General Banner Execution Options Output Schedule Predecessors Conditions Documentation User Groups

Program Information

Program: RCPMTCH *

Command Name:

Program Type: C Type *

Type Code: C *

Login Override:

Source File Override:

Banner Output

Printer: NOPRINT

Printer Form:

Lines Per Inch:

Advanced Output

Output Search Pattern: .*[0-9]{ONE_UP}[0-9].*

Rename Output Pattern:

Parameters

Prompt	Type	Description	Required	Value
01	Single	Aid Year Code	Y	
02	Single	Data Source Code	Y	
03	Single	Generated ID/Use SSN Indicator	Y	S
04	Single	Value for New Students	Y	N
05	Single	Sort Order Indicator	Y	N
06	Single	Common Matching Source Code	Y	

Parameter Set

User Name:

Parameter Set:

Allow Change at Request Time

Preserve Existing Parameter Values

Banner Financial Aid

- Financial Aid Daily Process Flow
 - Process flow that runs the following FinAid job submission processes
 - Awarding -> Data load -> Tracking -> Tracking requirements -> Budget groups -> Tracking letters/email -> Corrections -> Prepackaging -> Packaging
 - Saves financial aid tremendous amounts of time in processing and awarding students financial aid

Banner AR

- AR Daily process flow
 - Process flow that runs the following Banner AR job submission processes
 - A/R Reconciliation Report
 - Accounting Feed Process
 - Aging Analysis Report
 - Application/Unapplication Of Payment
 - Batch Fee Assessment
 - Batch Room/Meal/Phone Assess
 - Cashier Session Close
 - Student Billing Statement
 - Third Party Billing Statement

Questions and Discussions

Contact information

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