

OVERVIEW

The BLP, or Business Logic Processor, is a TCDI system that acts as a conduit through which information enters into a database. The BLP system examines the data as it comes in and conditionally executes a series of instructions, all based on client-specific business rules. This combination of business logic and scripting can be used to automate an infinite number of tasks that would otherwise require manual completion including the addition of new records, the standardization of data and passing data to external processes like OCR.

HOW BLP RULES CAN BE USED

The sky is the limit! If you can define the criteria and the necessary actions to take, a BLP rule can be written to replace a task or automate a process. The following are a few example uses for BLP rules:

Dates:

- Determine due dates based on predefined deadline criteria
- Compare dates to determine deadlines

Calculations:

- Summations, subtractions, etc.
- Mathematical equations, such as calculating BMI

Workflow:

- Triggering events based on actions, for example the auto-extraction of full text for transcripts when sent to the email intake system

Automation:

- Automatic coding of fields based on existing coding in other fields, tables or even databases
- Automatic creation of new records based on existing coding

Efficiency:

- Bulk-creation of records based on existing coding

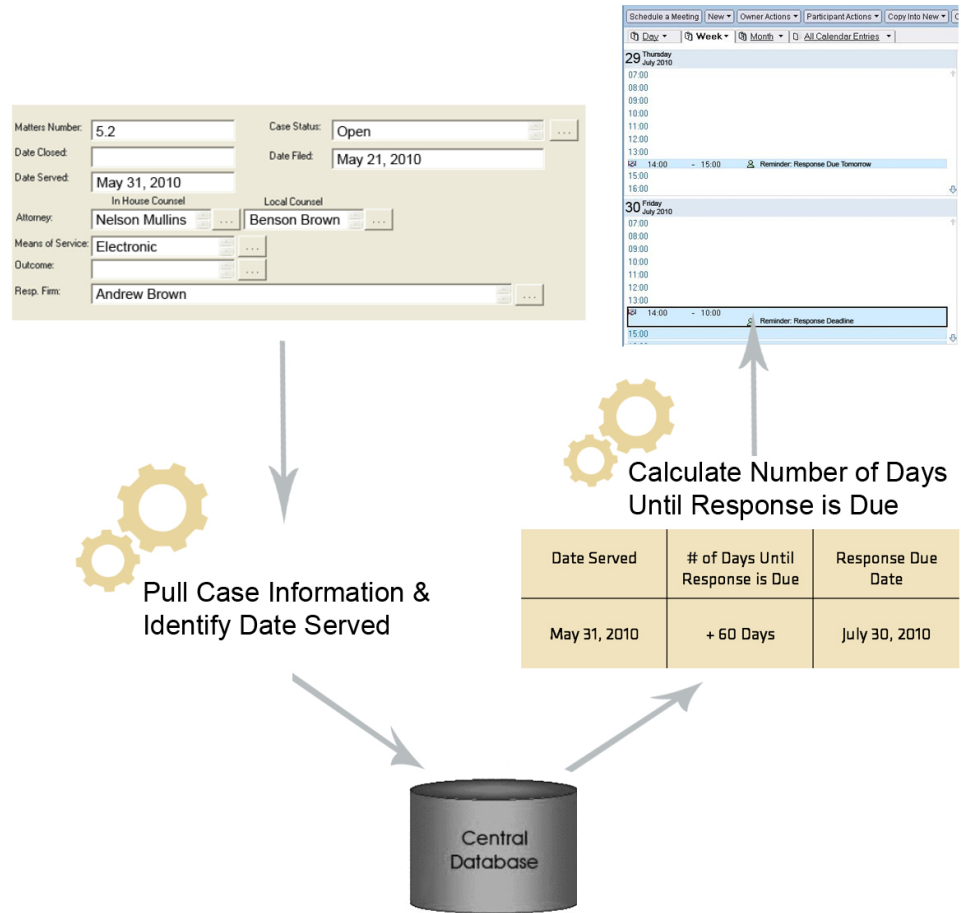
Information Management:

- Copying record data to different locations
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BLP... WHERE HAVE YOU BEEN ALL MY LIFE?

The coders on a client's document review team were averaging 40 documents per hour. Recognizing that nearly half of what they were coding were email attachments, we developed a BLP rule that would automatically apply privilege tags to documents that were attached to a parent marked privileged. This automation reduced the size of each coder's document population by 30%, saving them close to 2 1/2 hours a day. When you took into account that there were 12 coders on this particular review team, this time savings translated into more than 1,728 minutes (28+ hours) per week.

EXAMPLE BLP RULE: CREATE A CALENDAR RECORD FOR THE RESPONSE DEADLINE



HOW WE IMPLEMENT BLP RULES

- 1 The TCDI Project Manager works with the Client to define the criteria for the rule, what actions to take and how often to trigger the rule to process. (BLP rules are documented by the Project Manager for project tracking.)
- 2 A Developer creates the BLP rule and validates/tests the business logic code on the BLP test server.
- 3 The Project Manager or Quality Assurance staff and the Developer test the new BLP logic and functionality in test mode. If the test passes, the new BLP rule can be made available in production.
- 4 BLP rules run on the transaction server. No new hardware is necessary if a transaction server already exists for your project. Transactions completed via BLP rules are logged in the Audit table.
- 5 Notification alert emails are sent to the designated recipient list if there is a BLP rule failure.
- 6 BLP rules can be developed in less than an hour. Others, with more complex business logic, are typically ready for production within a couple of days.