

Crystal Reports and Circulation Workflow

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Need

- Canned ALEPH reports don't meet all requirements
- Wanted Web-accessible, “self-service” reports wherever possible
- Need reports to facilitate interaction with external systems, services

Advantages

- Accessible to all staff, one URL location for all reports
- 30 circulation reports available
 - <http://crystalrep.bc.edu/CrystalReports/>
- Results retrieved in real time from production server
- Easy to create for temporary work-arounds

A Closer Look

- Find Patron Aleph ID and Name by Email Name
- View Hold Requests for Items which are "On Order" or "In Process"
- Expired Patron Records with Active Loans
- Overdue Items by Due Date Report (Reserves and Other Library Collections)
- Count of Loans/Renewals by Patron Status and Type
- Find Courses to which a Given Item is Attached (Reserves)

Hardware/Software Requirements

- Hardware

- Client Computer (running IE5+)
- Webserver running IIS5 (small NT server)
- Database server running Oracle8+ (ALEPH server)

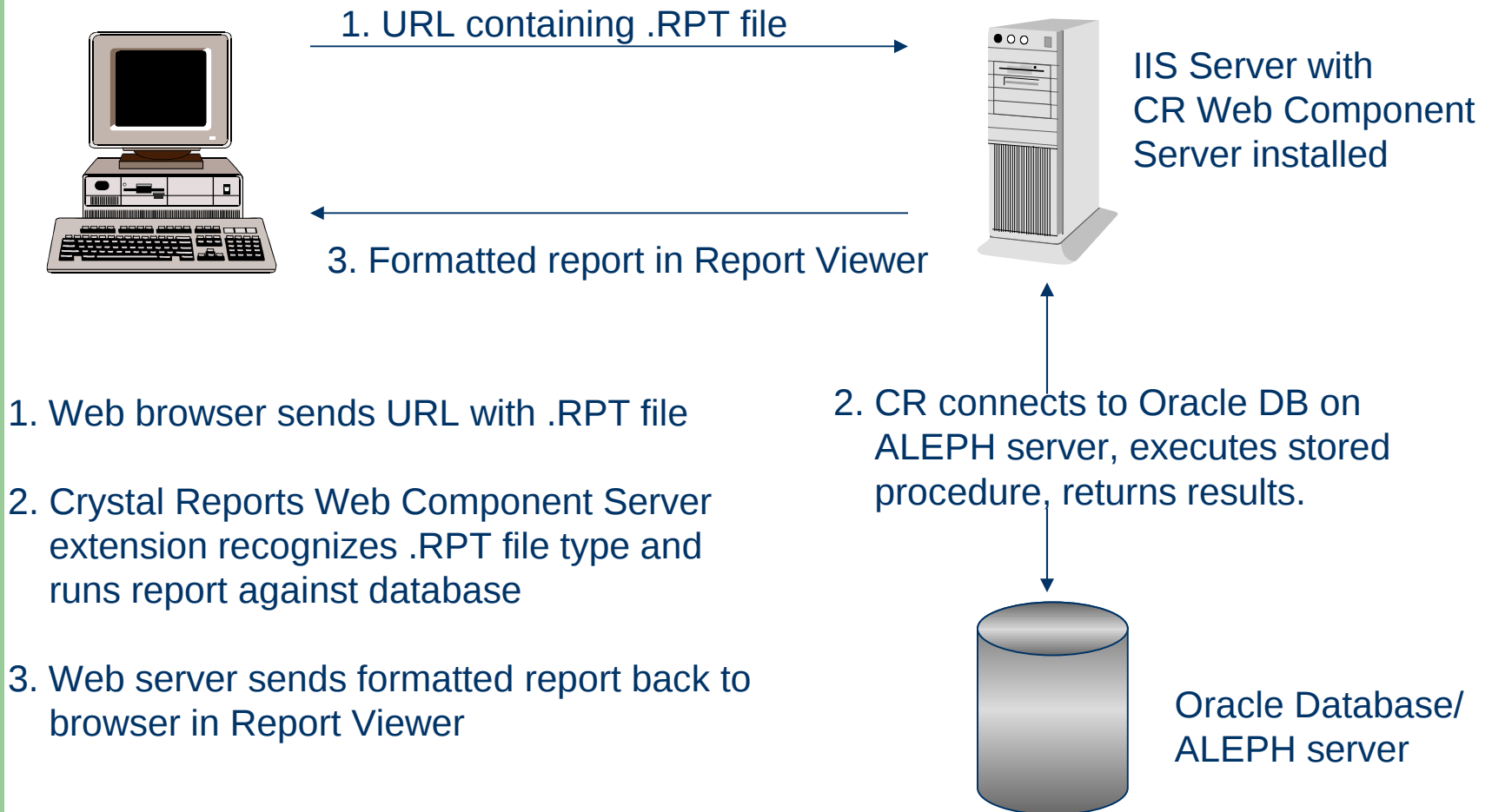
- Software

- Crystal Reports 8 – Developer Edition
- Oracle Client installed on Webserver (ODBC and SQL+)
- HTML/Text Editor

Staff Requirements

- All BC reports were developed by our Systems Librarian (Kevin Kidd)
- Initial setup of reporting program (server and software installation and configuration) took approx. 1 week
- Bulk of reports available (70+) developed over 2-3 month period
- Time required to develop additional reports, maintain existing reports is minimal

Crystal Web Component Server Architecture



Contact Information:

- For technical details (e.g., copy of queries, explanation of BC setup:
 - Kevin Kidd (kiddk@bc.edu)
- Further information on circulation reports, workflow
 - Margie Fiels (fiels@bc.edu)

Questions?

