

6.3 Sample Mail Application

This section introduces two simple mail applications. The first application, reportmail, accepts requests from the Web and sends the results (an item master report) back by mail. The second application, QRYDST, processes incoming mail as requests and also sends back the results.

6.3.1 Requests from the Web, Get Results by Mail

A CGI program written in ILE-CL language plays a central role in this small application.

In this application, users enter item numbers and Internet mail addresses from their Web browser to receive the reports. The CGI program, REPORTMAIL, calls the RPG report program, ITEMLIST, and the report program returns matched records. If the record count was 0, the CGI program sends "No record found" to the Web browser. If records are found, the CGI program copies a spooled file to a stream file and sends a mail to the specified mail address with an attachment (stream file). If no error occurred during the process, a "Mail sent" message is displayed on the Web browser.

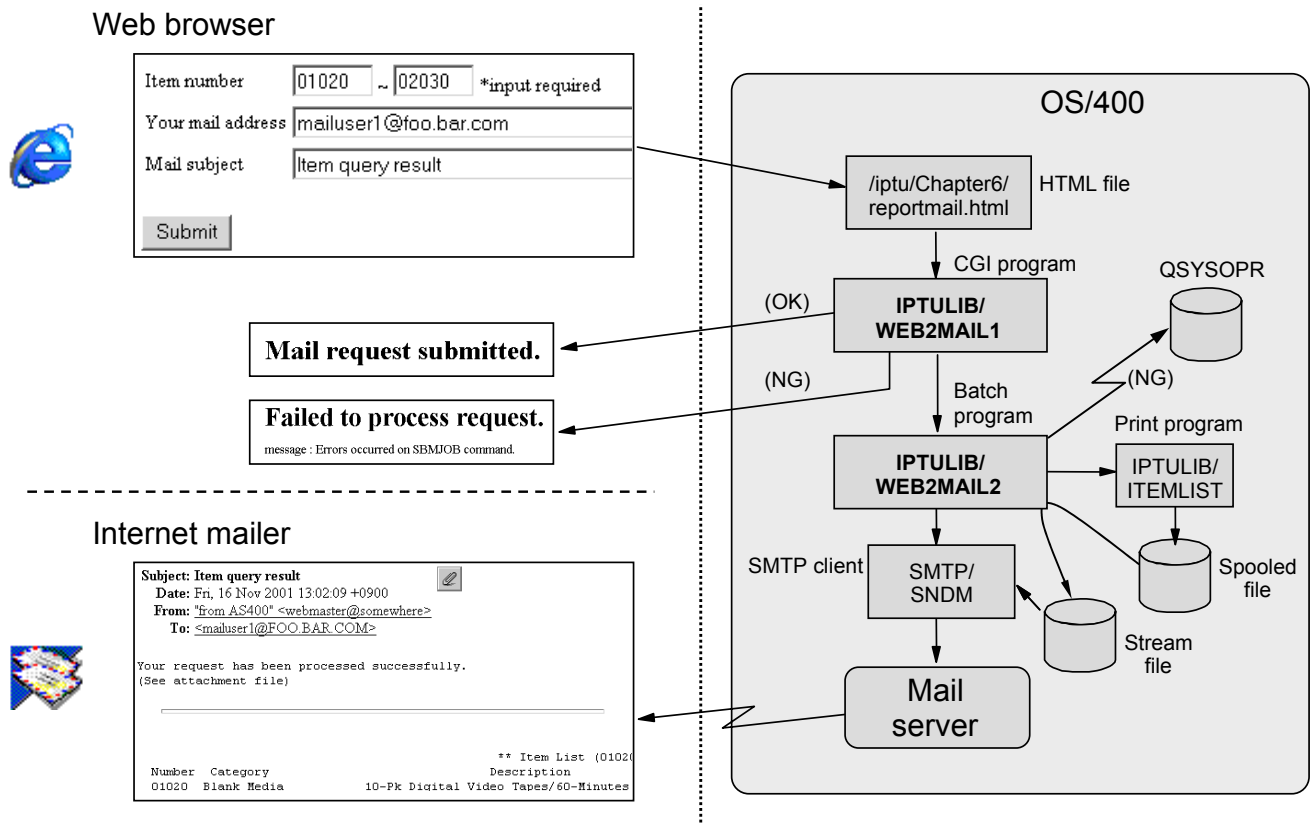


Figure 118 - Request from the Web, Get Result by Mail

Users enter a request from this HTML file: `/iptu/Chapter6/reportmail.html`. A simple JavaScript (you can find more explanation about JavaScript at "2.3.2 Parse by QzhhCgiParse") briefly checks the variables (input values).