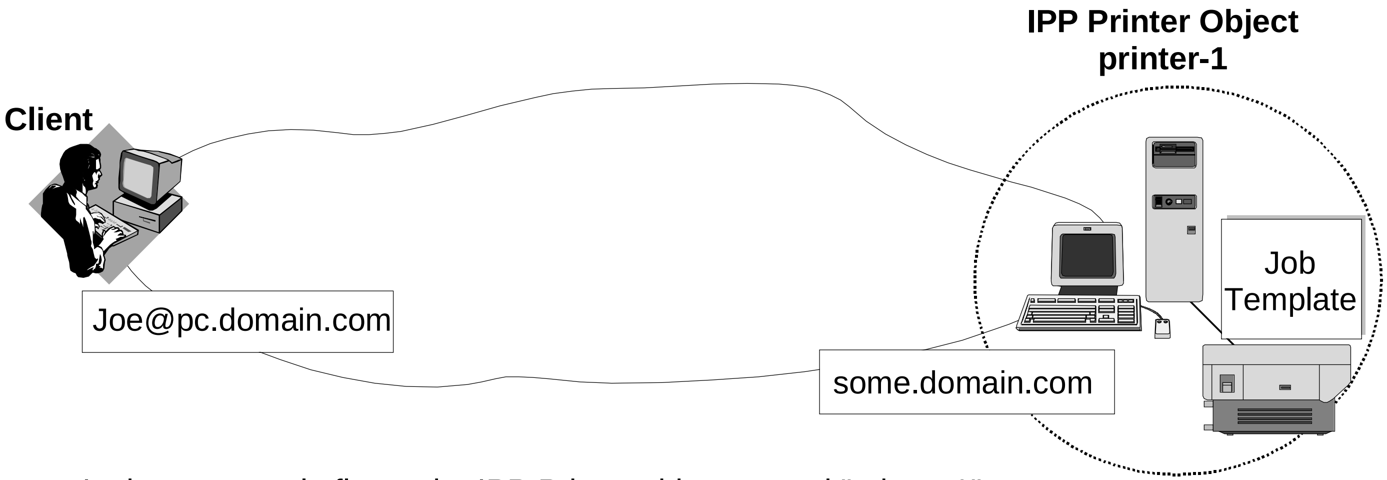
# IPP Example Flows

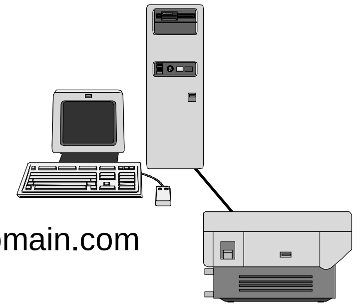



In these example flows, the IPP Printer object named "printer-1" is located at the node identified by the DNS name "some.domain.com". A Job Template is defined for "printer-1 which establishes the print defaults for this printer.

Fo brevity, none of the HTTP headers are shown. IPP defined headers are in **bold.** IPP request/status lines are in *italics.*

# Pushing a Print Job

Joe@pc.domain.com



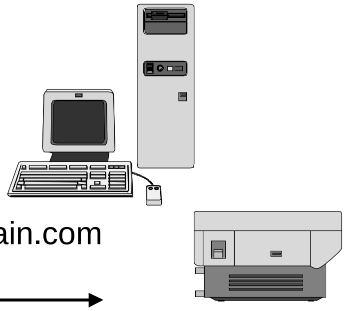
some.domain.com

Post http://some.domain.com/printer-1  http/1.0
*GetAttributes  IPP/1.0*
**Print-Job-Object header**
    Job-name : My-job
    Notification-events : job completion
    Notification-address : Joe@domain.com
    Medium : iso-a4-white
**Document Header**
    Document-name : Letter-to-Mom
**Document-Content Header**(Content-type=Postscript/2.0)
    Document in Postscript/2.0 format

http/1.0 200 "accepted"
*IPP/1.0  "xxx" "attribute list returned*
    Job-identifier : some.domain.com/printer-1/0035
    Current-job-state : pending
    Submission-time : 12/03/96,1535
    Printer-state : printing

# <u>Pulling a Print Job</u>

Joe@pc.domain.com



some.domain.com

Post http://some.domain.com/printer-1  http/1.0
*GetAttributes  IPP/1.0*
**Print-Job-Object header**
    Job-name : My-job
    Notification-events : job completion
    Notification-address : Joe@domain.com
    Medium : iso-a4-white
**Document Header**
    Document-name : Letter-to-Mom
    Document-URL : pc.domain.com/Docs/To-mom.ps

http/1.0 200 "accepted"
*IPP/1.0  "xxx" "attribute list returned*
    Job-identifier : some.domain.com/printer-1/0035
    Current-job-state : pending
    Submission-time : 12/03/96,1535
    Printer-state : printing

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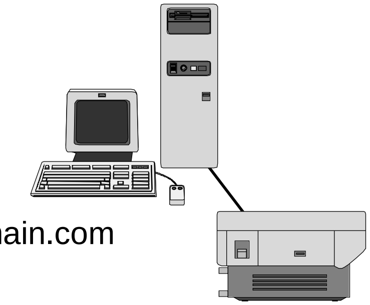
Get http://pc.domain.com//Docs/To-mom.ps

# Querying Status of the Print Job

Asking for specific attributes

Joe@domain.com



some.domain.com

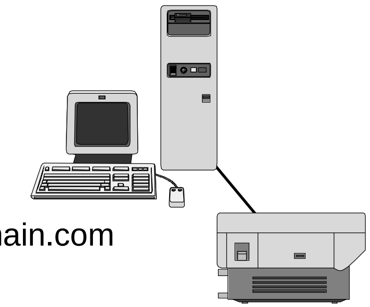
Post http://some.domain.com/printer-1/j0035  http/1.0
*GetAttributes  IPP/1.0*
Current-job-status:

http/1.0  200  "accepted"
*IPP/1.0  xxx "attribute list returned"*
Current-job-status : printing

# Querying Staus of the Print Job

Get default list of attributes

Joe@pc.domain.com



some.domain.com

Post http://some.domain.com/printer-1/j0035  http/1.0
*GetAttributes  IPP/1.0*

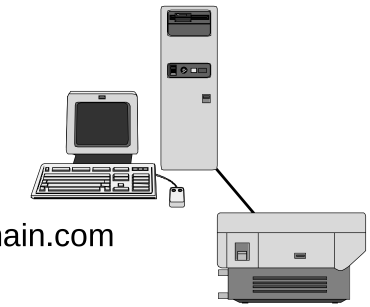
http/1.0  200  "accepted"
*IPP/1.0  xxx "attribute list returned"*

Job-name : My Job
Job-originator : Joe@pc.domain.com
Job-originating-host : pc.domain.com
Notification-address : joe@pc.domain.com
Job-locale : xx:xx:xx
Current-job-status : printing
Printer-assigned: printer-1
Submission-time : 12/03/96, 1535
Media-sheets-completed : 2

# Querying the Printer

Asking for specific attributes

Joe@pc.domain.com

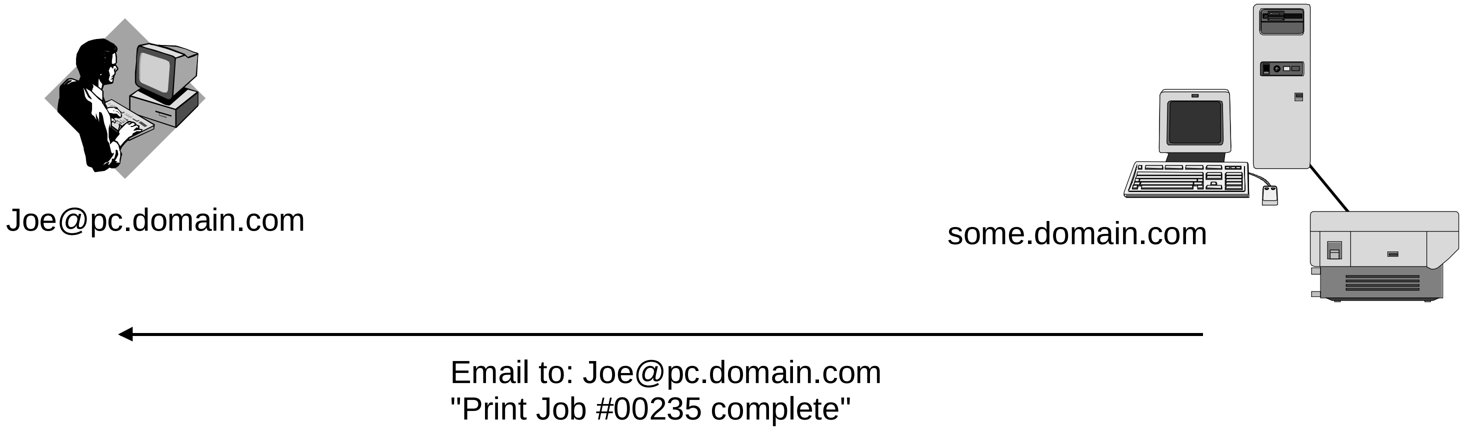


some.domain.com

Post http://some.domain.com/printer-1/j0035  http/1.0
*GetAttributes  IPP/1.0*
    Printer-state :
    Sides-supported :
    Media-supported :
    Document-formats-supported :

http/1.0  200  "accepted"
*IPP/1.0  xxx "attribute list returned"*
    Printer-state : running
    Sides-supported : 1-sided
    Media-supported : iso-a-white, iso-b4-white
    Document-formats-supported : Postscript/2.0

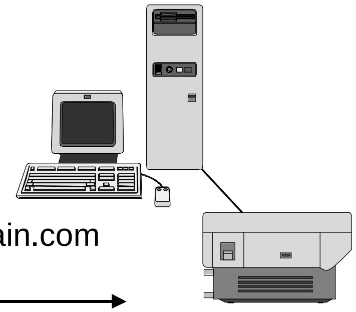
# Print Job Complete (Email)



# Listing all Print Jobs

Asking only for job-sizes

Joe@pc.domain.com



some.domain.com

Post http://some.domain.com/printer-1/j0035  http/1.0
*GetJobs  IPP/1.0*
Total-job-octets

http/1.0   200  "accepted"
*IPP/1.0  xxx "attribute list returned"*
Job-identifier : 0033
total-job-octets : 4567
Job-identifier : 0034
total-job-octets : 12345
Job-identifier : 0035
total-job-octets : 14562