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Scanning in PAPPL

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Devices are discovered by DNS-SD. Adding support for pairing scanners with printers, since the typical use case (multi-function printer) will have the scan-specific TXT keys added to the printer, and the printer-dns-sd-name value coming from the printer. IPP scanners generally will not have their own DNS-SD records since they are paired with

IPP printers. IPP scanner registrations don't use the same TXT keys as printers.Scan-specific keys are added as IPP scanner registration consists, for the pairing API to associate the scanner with the printer. The client polls the scanner's properties with a get-printer-attributes IPP request on the scanner URI. For this pappl_scanner_t object is

implemented and scan-specific header files are added with the updated attributes and capabilities of a scanner-changing print to input, and equivalent driver functions are added for scan, as that in printing. The user sets options like scan area, resolution, quality, color, ADF mode, ... and requests the scan.

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