

Booting via Network/PXE

[imx6](#), [uboot](#), [bootloader](#), [pxe](#), [network](#)

Description

site under construction

In computing, the Preboot eXecution Environment (PXE) specification describes a standardized client-server environment that boots a software assembly, retrieved from a network, on PXE-enabled clients. On the client side it requires only a PXE-capable network interface controller (NIC), and uses a small set of industry-standard network protocols such as DHCP and TFTP. [source wikipedia.com]

Howto Quick'n'Dirty

- 1) pxe server has to be configured so that boot image name is boot.scr
- 2) provide a boot.scr script on pxe server that will then run on the board
- 3) type on uboot prompt: "dhcp \${loadaddr} boot.scr"

"source \${loadaddr}"

that will run the newly fetched boot.scr

- 4) in your server-side boot.scr you can now load other files using the "tftp" command

e.g. "tftp \${ramdiskaddr} initrd"

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