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Hacking the Netgear wgt634u

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Abstract. OpenWRT is a Linux port (2.4 kernel) for embedded platforms including the Netgear wgt634u wireless router. Click is a modular software for implementing advanced router functionality on Linux systems. Madwifi is a WLAN driver (802.11 wireless network) that runs on OpenWRT and can be integrated with the click system. This tutorial describes the steps of downloading the source code for each of these 3 components, for compiling them, and for getting them to run (together) on a wgt634 Netgear wireless router platform.

This work has been done for the Berlin Roof Net project (http://sarwiki.informatik.hu-berlin.de/wiki/BerlinRoofNet), with substantial support from the MIT Roof Net project team (http://pdos.csail.mit.edu/click/) .

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