TPOS

Third Party Operating Systems (pre-alpha)

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TPOSThird Party Operating Systems (pre-alpha)

by Stephan Linz

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Chapter 1. Introduce

1.1. Summary

TPOS is a bundle of Xilinx EDK configuration modules used to export processor and plattform specific setup informations.

1.2. Overview

Microprocessor Library Definition (MLD) files for the Third Party Operating PTXdist with Microblaze ext. Systems (TPOS) **TPOS** EDK user repository Dev. Tree: xilinx.dts ₩ Free-Device XL-Boot FS-Boot U-Boot Linux eCos RTOS (MLD) Tree Linux: Kconfig.auto auto-config.in U-Boot: xlbsp config.mk xparameters.h XMP, UCF, MHS, MSS files Xilinx MMU system (bitfile) for specific designs XPS or lite 12.2 SDK FPGA: XL-Boot: download.bit Xilinx Xilinx Xilinx SP3ADSP working (ref.) ML505 ML605 1800 designs Xilinx Impact

Figure 1-1. Overview