### **TPOS**

## **Third Party Operating Systems (pre-alpha)**

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#### TPOS: Third 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