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To: T10 CAP Working Group
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Subject: UAS Clause 4 (Model)

1 Related documents

UASr1, USB Attached SCSI revision 1
USB-2, Universal Serial Bus Revision 2.0

2 Introduction

This proposal defines the model clause for UAS. The model clause describes to 4 pipe configuration for USB 2 and

3 Proposed additions to UAS

The following text replaces clause 4 of UAS

4 Model

4.1 USB

4.1.1 Overview

USB devices implementing this standard shall support full or high speed operation as defined by the USB-20 specification. The minimum configuration for a UAS target is one Control pipe, two Bulk-in pipes, and two Bulk-out pipes. UAS targets shall only support a single initiator. Figure 1 describes the relationships of the pipes in a UAS target.

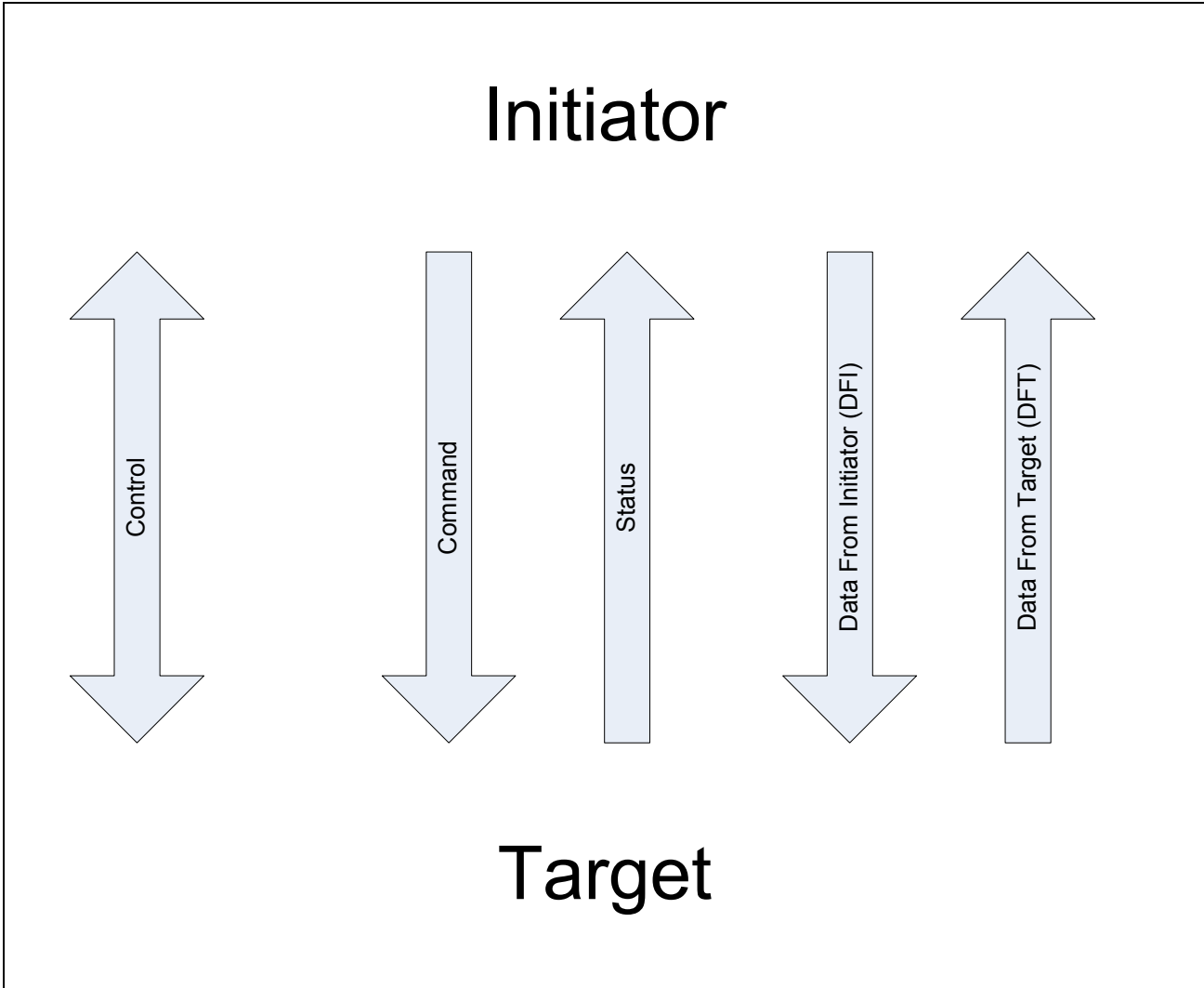


Figure 1 — USB Model

The Control pipe is a required by USB-20, and is not used by this standard.

The target receives Information Units (IUs) from the initiator using the Command pipe and responds with IUs using the status pipe.

The Data From Initiator and Data From Device pipes are for transferring data between the initiator and target.