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Subject: UAS Clause 6 (Usage)

1 Related documents

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

2 Introduction

This proposal defines the Usage clause for UAS. The Usage clause describes the communication sequences between the initiator and the target.

3 Proposed additions to UAS

The following text replaces clause 6 of UAS.

6 Usage

6.1 USB

6.1.1 Overview

Figures ... described the sequences of commands which an initiator and a target use to communicate. These figures use the following notation.

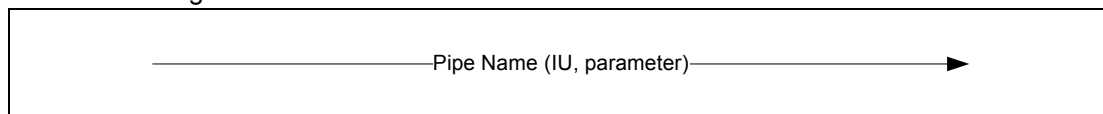


Figure 1 — Notation

See (xxxx clause 4 provides a description of the USB pipes and provides names for use in tis standard) for a description of the pipe names. See (xxxx clause 5 provides a description of the IUs) for a description of the IUs. The parameter is an optional field which indicates the contents of a parameter within an IU.

6.1.2 Non-Data Command

Figure 2 describes the sequence of communication between the initiator and target for a command which does not require data transfer.

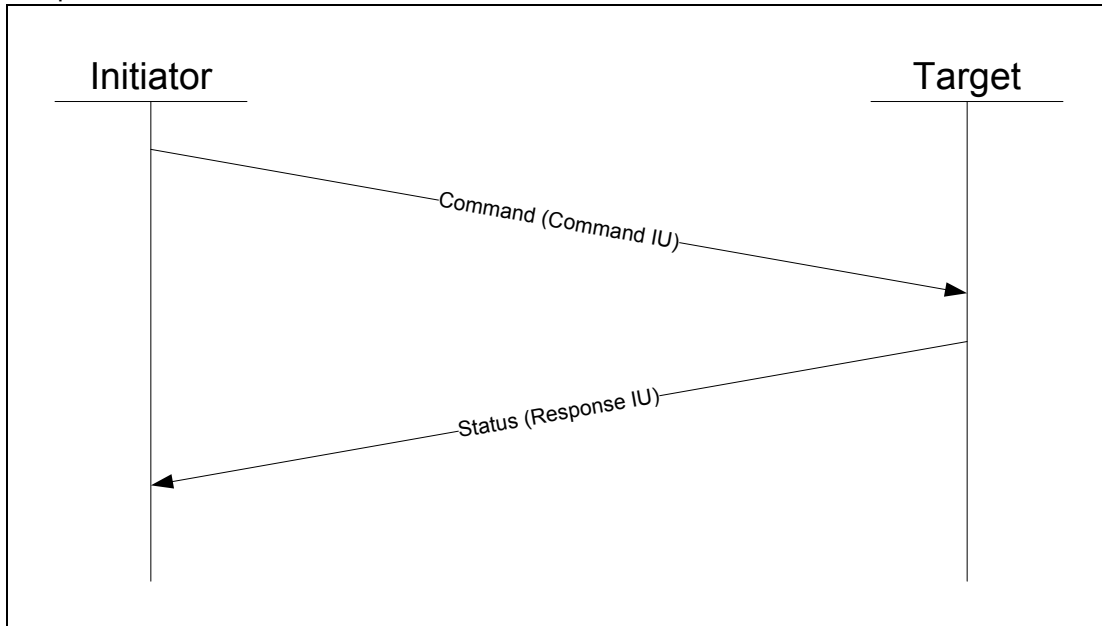


Figure 2 — Non-data Transfer

6.1.3 Write Data Command

Figure 3 describes the sequence of communication between the initiator and target for a command which requires data transfer from the initiator to the target.

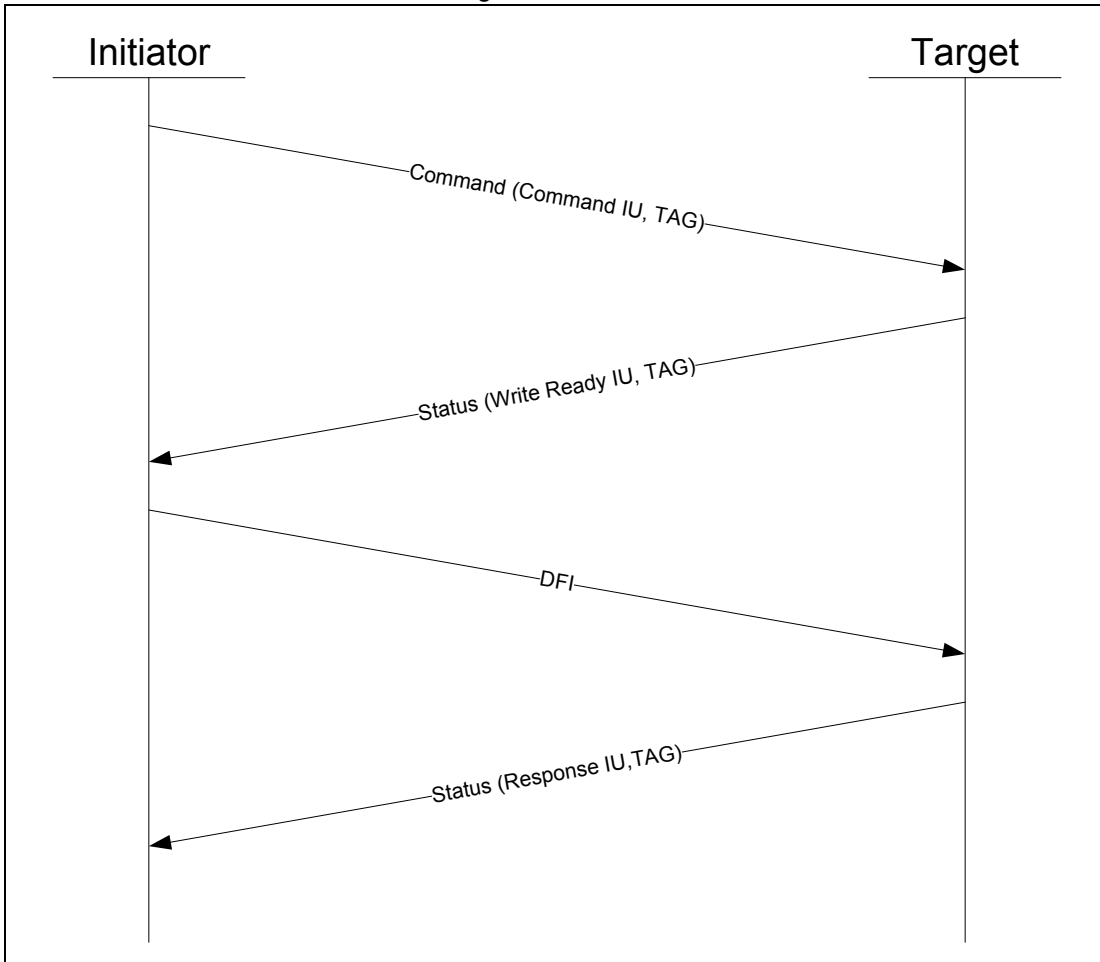


Figure 3 — Write Data Transfer

6.1.4 Read Data Command

Figure 4 describes the sequence of communication between the initiator and target for a command which requires data transfer from the target to the initiator.

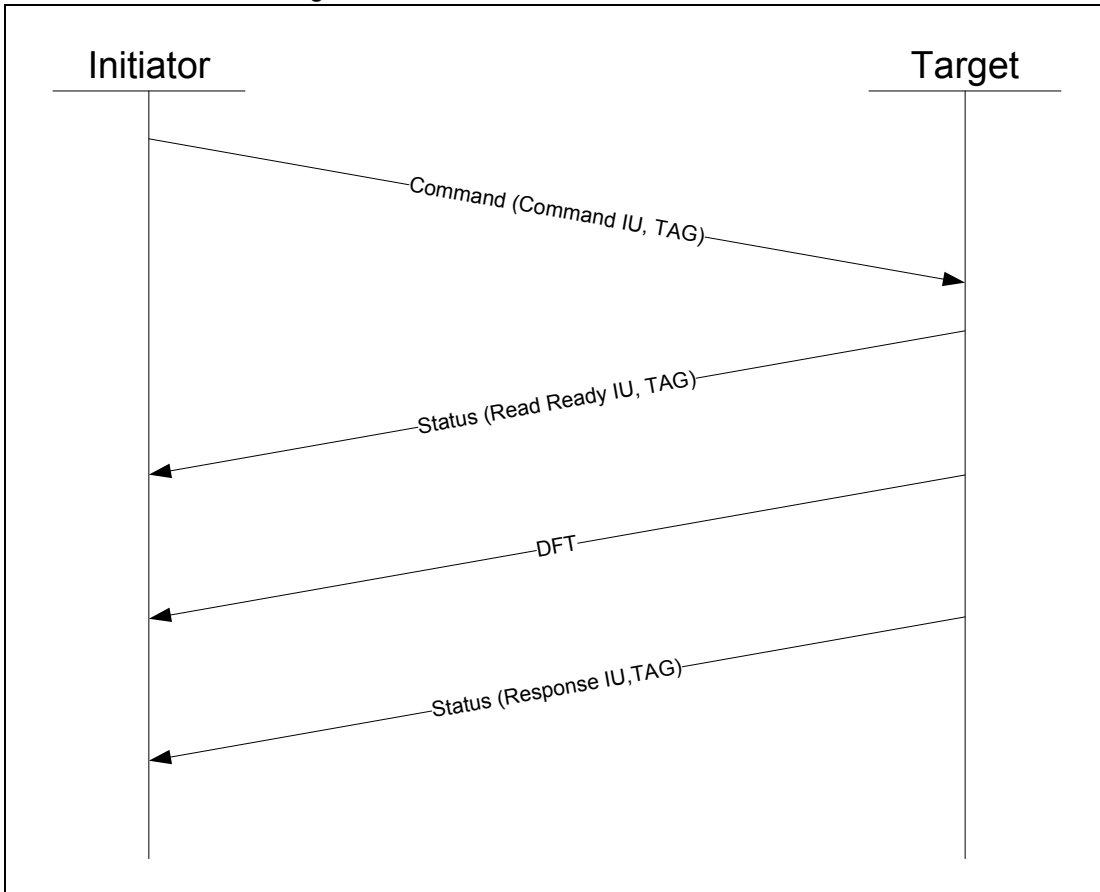


Figure 4 — Read Data Transfer

6.1.5 Queued Command Example

Figure 5 describes the sequence of communication between the initiator and target for a command which requires data transfer from the target to the initiator.

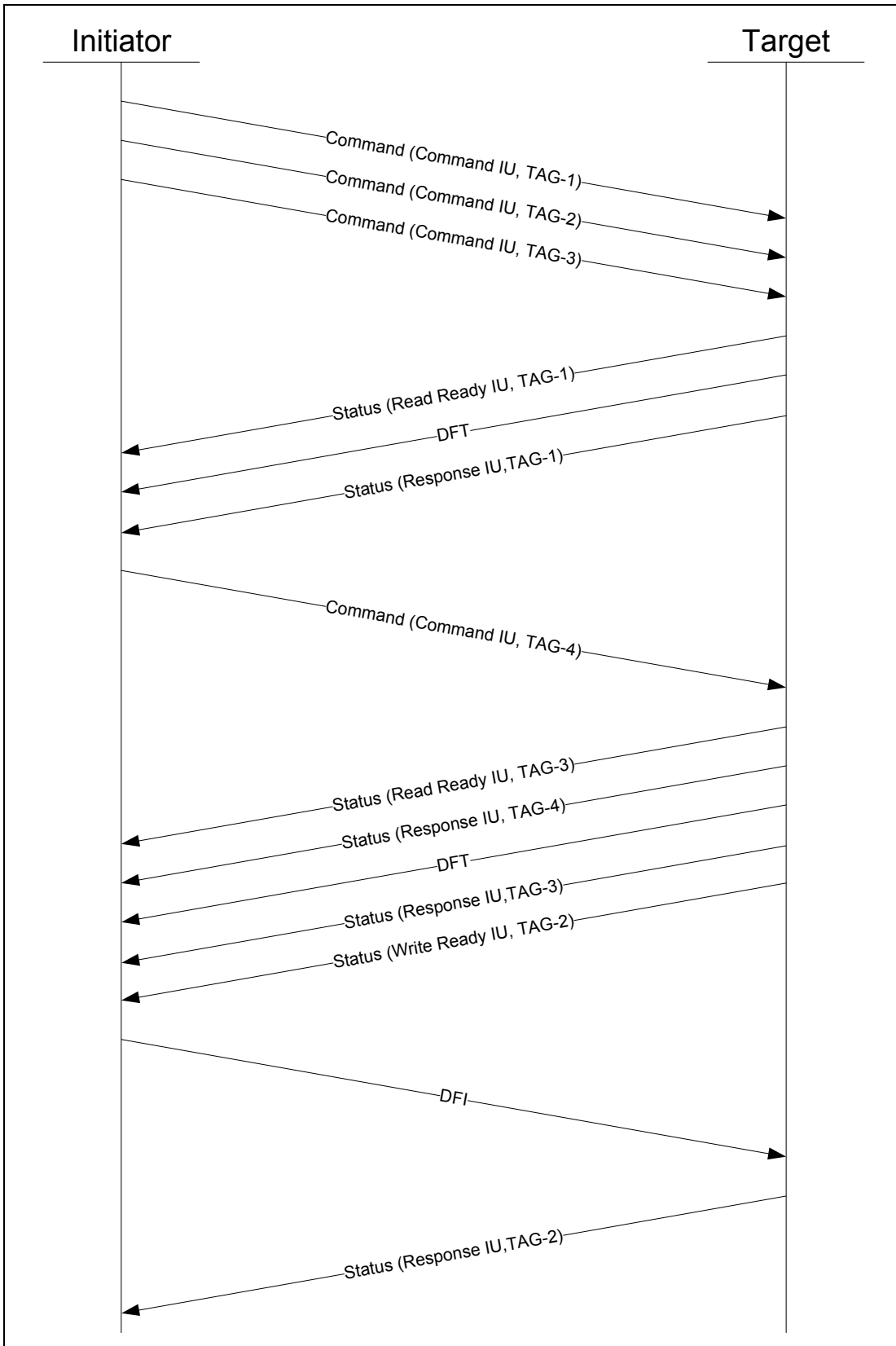


Figure 5 — Queued Example