

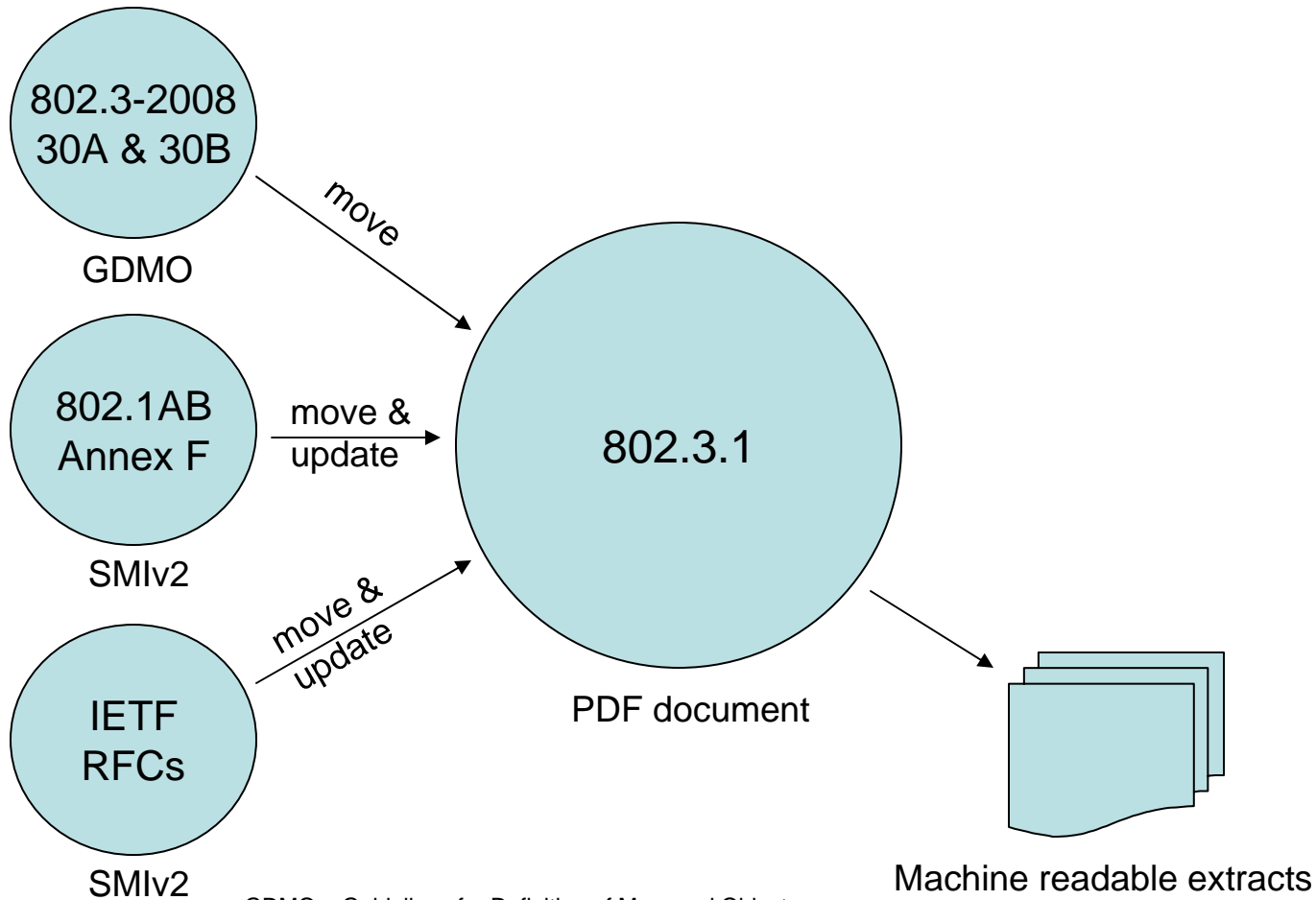
P802.3.1 MIB Task Force Opening Report

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Atlanta, GA
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Reflector and web

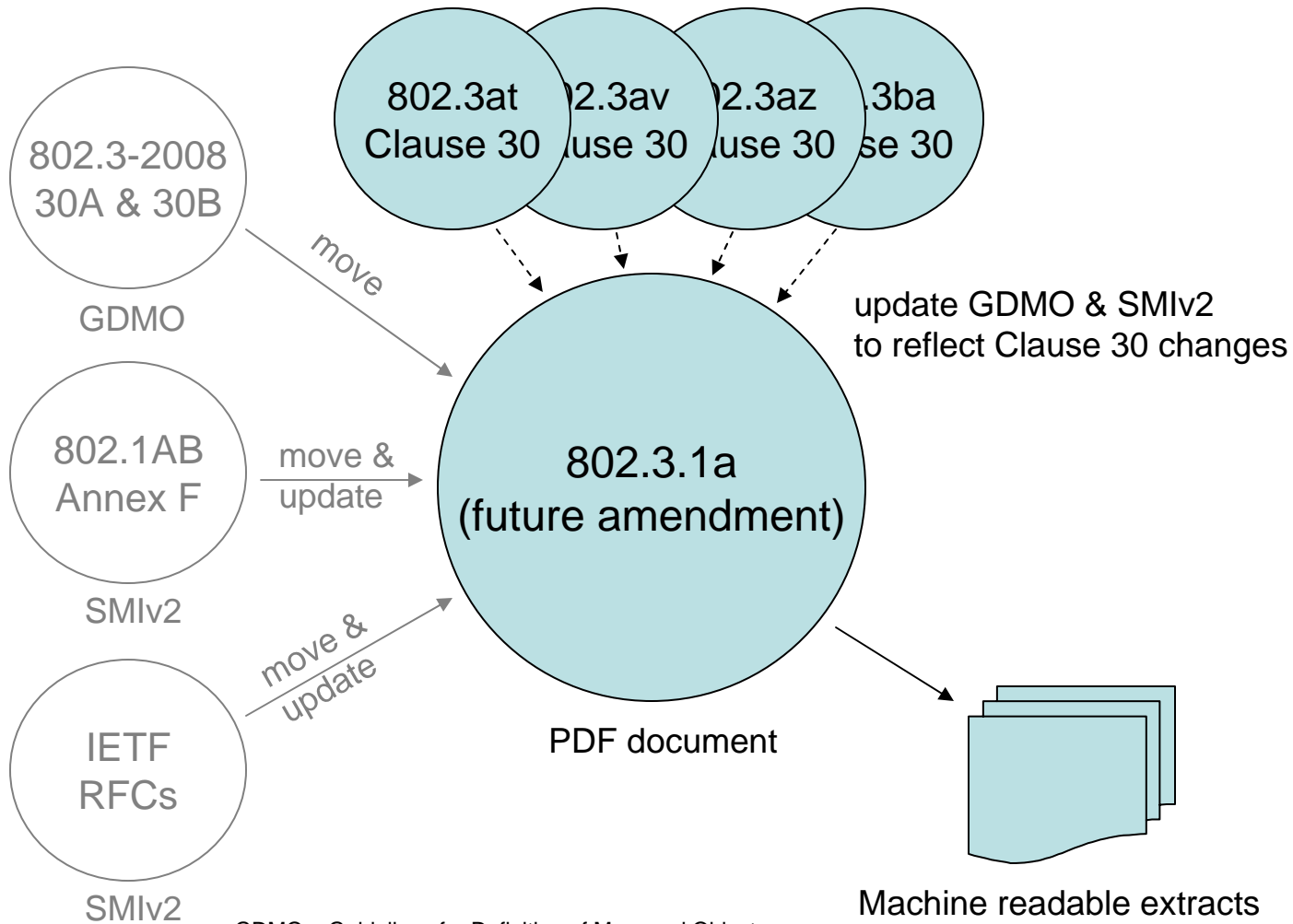
- email reflector and archive established
 - `stds-802-3-mib@listserv.ieee.org`
- Web page
 - <http://www.ieee802.org/3/be/index.html>
- Private web area (for draft documents)
 - <http://www.ieee802.org/3/be/private/index.html>
 - username: XXXXXX
 - password: XXXXXX

Initial Project



GDMO = Guidelines for Definition of Managed Objects
SMIv2 = Structure of Management Information, version 2
IETF = Internet Engineering Task Force
RFC = Request For Comments
PDF = Portable Document Format

Future Amendment



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Project Objectives

- Create a new standard – P802.3.1
- Include the MIB module definitions from
 - IEEE Std 802.3-2008 Annexes 30A and 30B
 - IEEE Std 802.1AB Annex F
 - IETF RFCs 2108, 3621, 3635, 3637, 4836, 4837, 4878, 5066
- Update the SMIv2 MIB module definitions to reflect changes from 802.3an (10GBASE-T), ap (Backplane), aq (LRM), and as (Frame format extensions)
- Produce draft standard and machine-readable extracts

Current status

- Met for ½ day in Chicago
 - Reviewed draft D1.0
- Draft D1.1 posted in private area
 - Task force review in progress

"boiler plate" clauses

0. front matter
1. Overview
 - 1.1 Scope
 - 1.2 Purpose
2. Normative references
3. Definitions
4. Abbreviations
5. Conformance

MIB module clauses

6. Ethernet LLDP extension MIB module
7. Ethernet Operations, Administration, and Maintenance (OAM) MIB module
8. Ethernet repeater device MIB module
9. Ethernet DTE power via MDI MIB module
10. Ethernet Passive Optical Networks (EPON) MIB module
11. Ethernet-like interface MIB module
12. Ethernet in the First Mile Copper (EFMCu) interfaces MIB module
13. Ethernet WAN Interface Sublayer (WIS) MIB module
14. Ethernet Medium Attachment Units (MAUs) MIB module
- A. Bibliography
- B. GDMO specification for IEEE 802.3 managed object classes
- C. GDMO and ASN.1 definitions for management

Plan for the week

- Meet Tuesday morning
- Review D1.1
- Review request to IANA for MAU type assignments

MAU type assignments

- Need to submit a request to the Internet Assigned Numbers Authority (IANA) for a set of MAU type assignments:
 - 802.3an - 2006
 - 10GBASE-T
 - 802.3aq - 2006
 - 10GBASE-LRM
 - 802.3ap - 2007
 - 1000BASE-KX
 - 10GBASE-KX4
 - 10GBASE-KR
 - 802.3av-2009:
 - 10GBASE-PR-U1
 - 10/1GBASE-PRX-U3
 - 10/1GBASE-PRX-U2
 - 10/1GBASE-PRX-U1
 - 10GBASE-PR-D3
 - 10GBASE-PR-D2
 - 10GBASE-PR-D1
 - 10/1GBASE-PRX-D3
 - 10/1GBASE-PRX-D2
 - 10/1GBASE-PRX-D1