

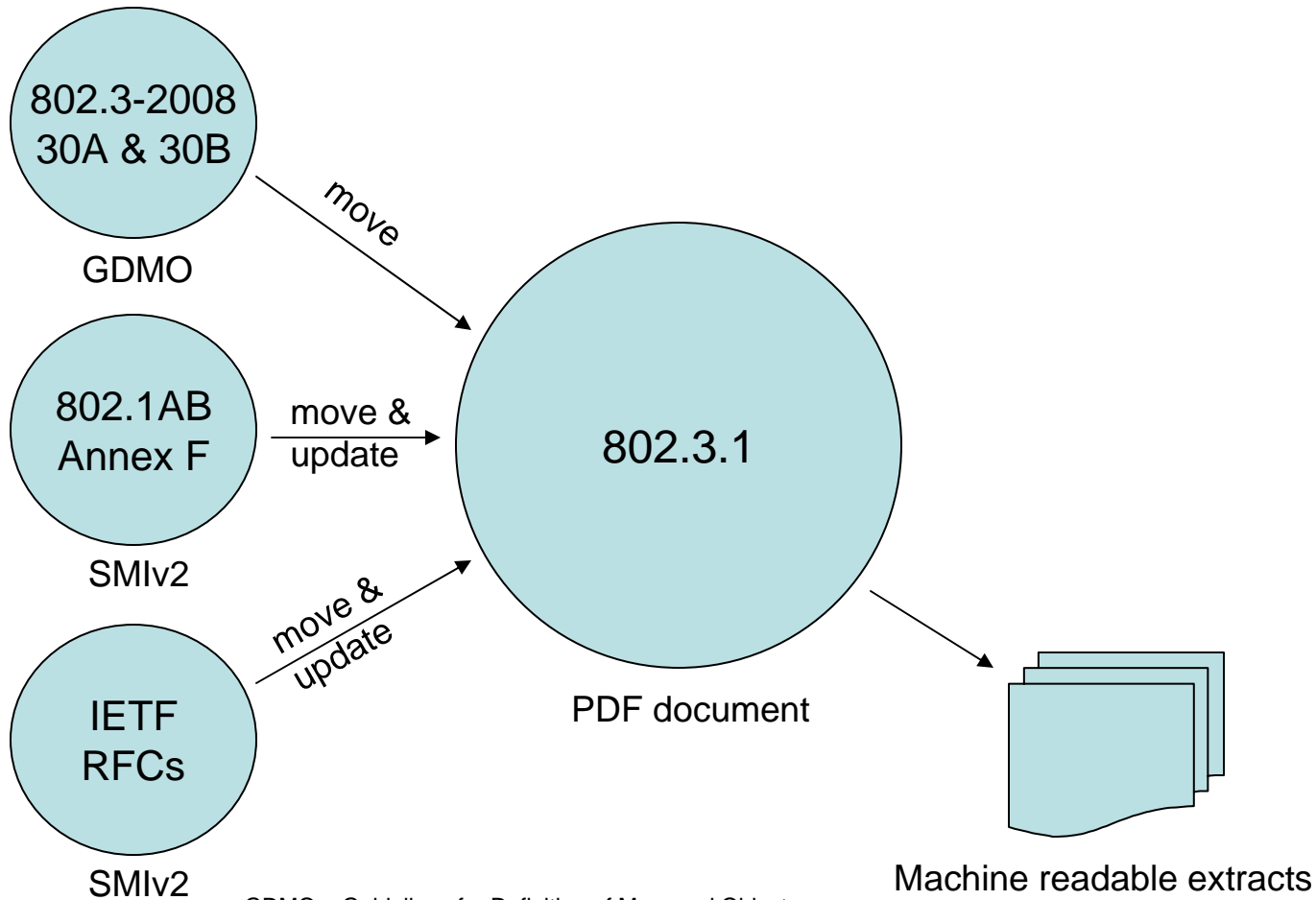
P802.3.1 MIB Task Force Opening Report

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San Francisco, CA
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Reflector and web

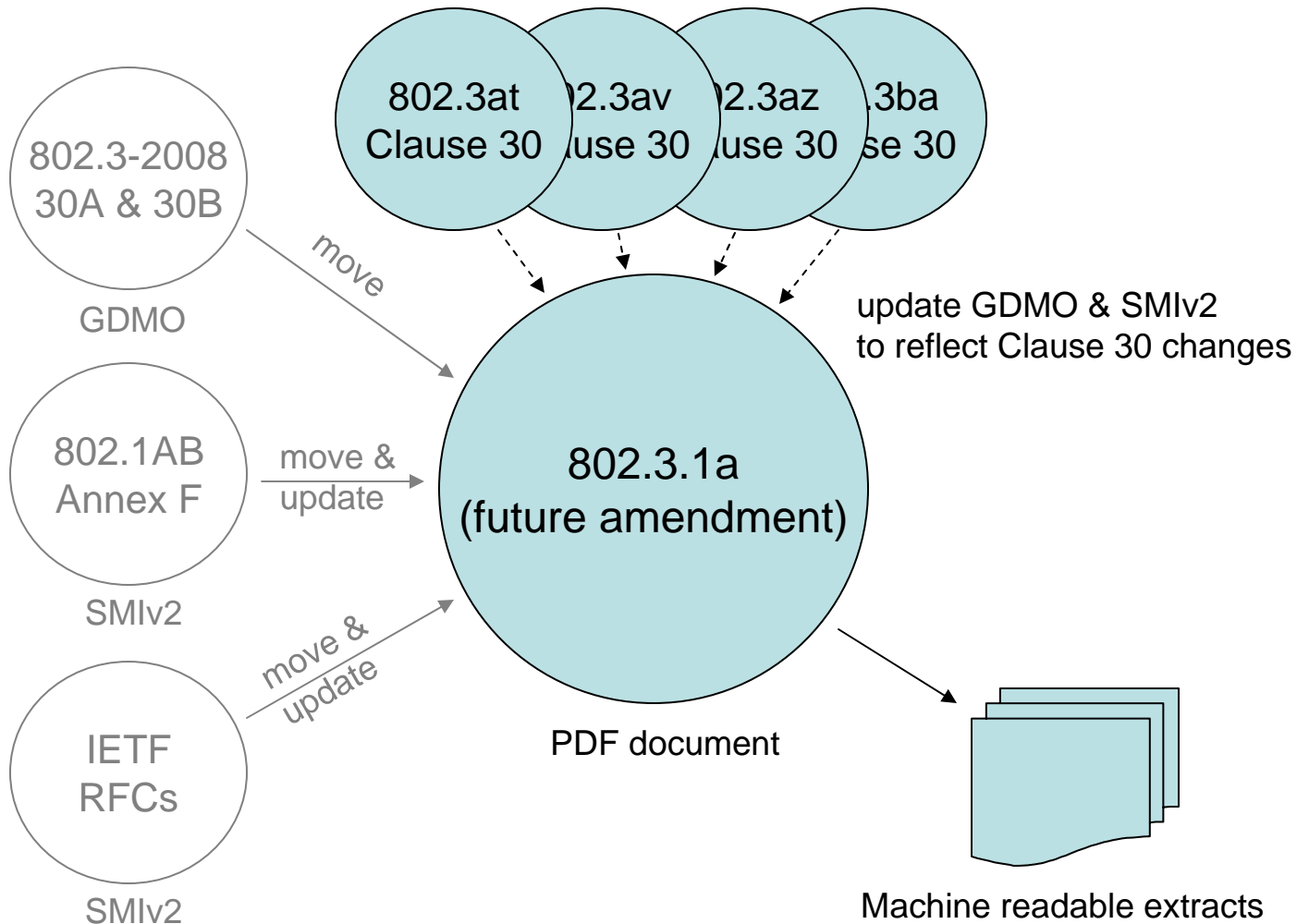
- email reflector and archive established
 - `stds-802-3-mib@listserv.ieee.org`
- Web page
 - <http://www.ieee802.org/3/be/index.html>
- Private web area (for draft documents)
 - <http://www.ieee802.org/3/be/private/index.html>
 - username: XXXXXX
 - password: XXXXXX

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

- P802.3.1 PAR approved by NesCom and Standards Board via continuous processing in January, 2009
- Met for ½ day in Quebec City
 - Reviewed preliminary draft D0.1
- Draft D0.6 posted in private area
 - An exercise in formatting, restructuring, editing

"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 Wednesday 9:00 am to noon
 - Pacific Concourse I
- Discussion on downloadable content for P802.3 and P802.3.1
- Review D0.6
- Decide whether to launch a task force review of the draft after this meeting