

P802.3.1 MIB Task Force Opening Report

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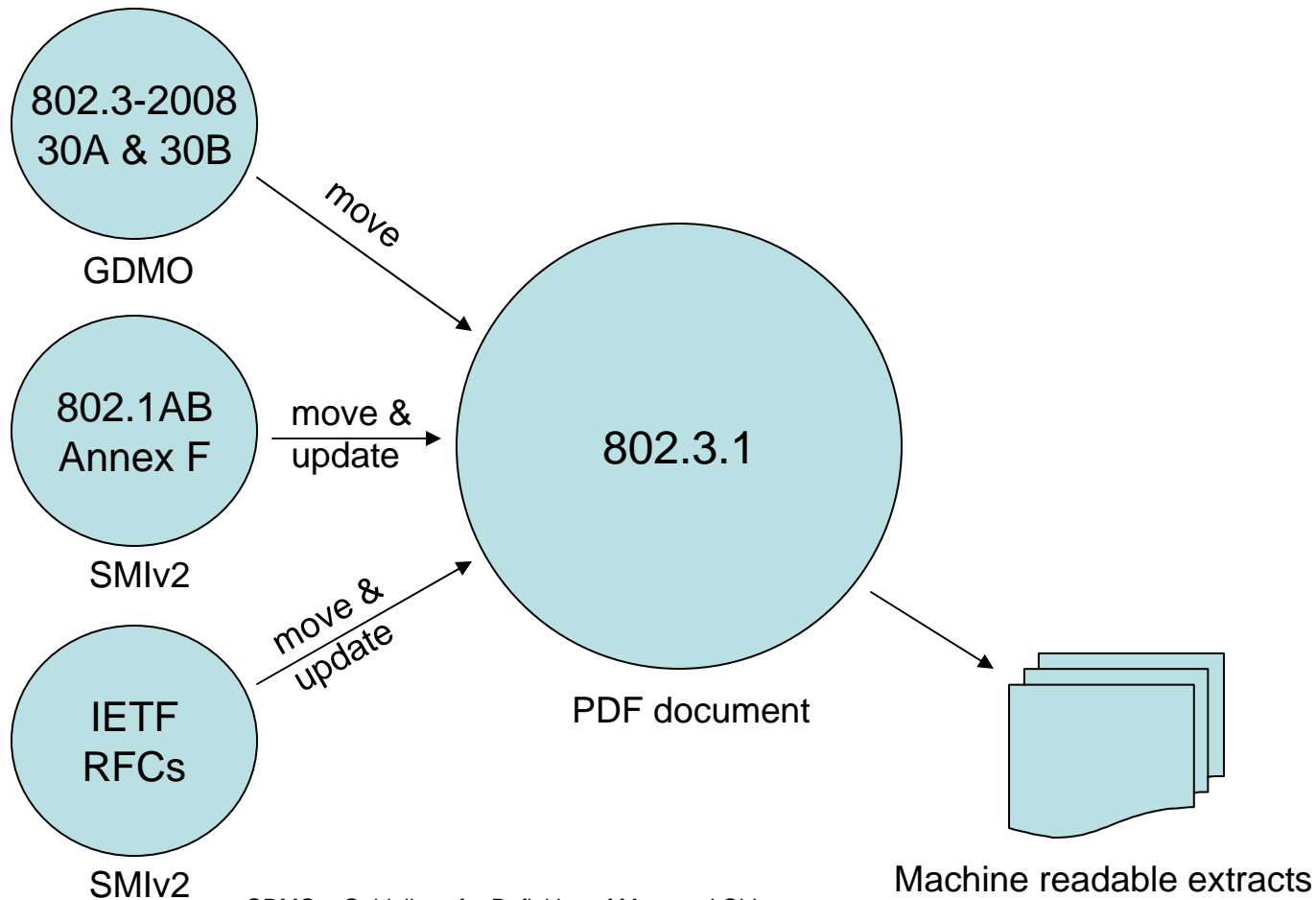
Vancouver, BC

9-March-2009

Reflector and web

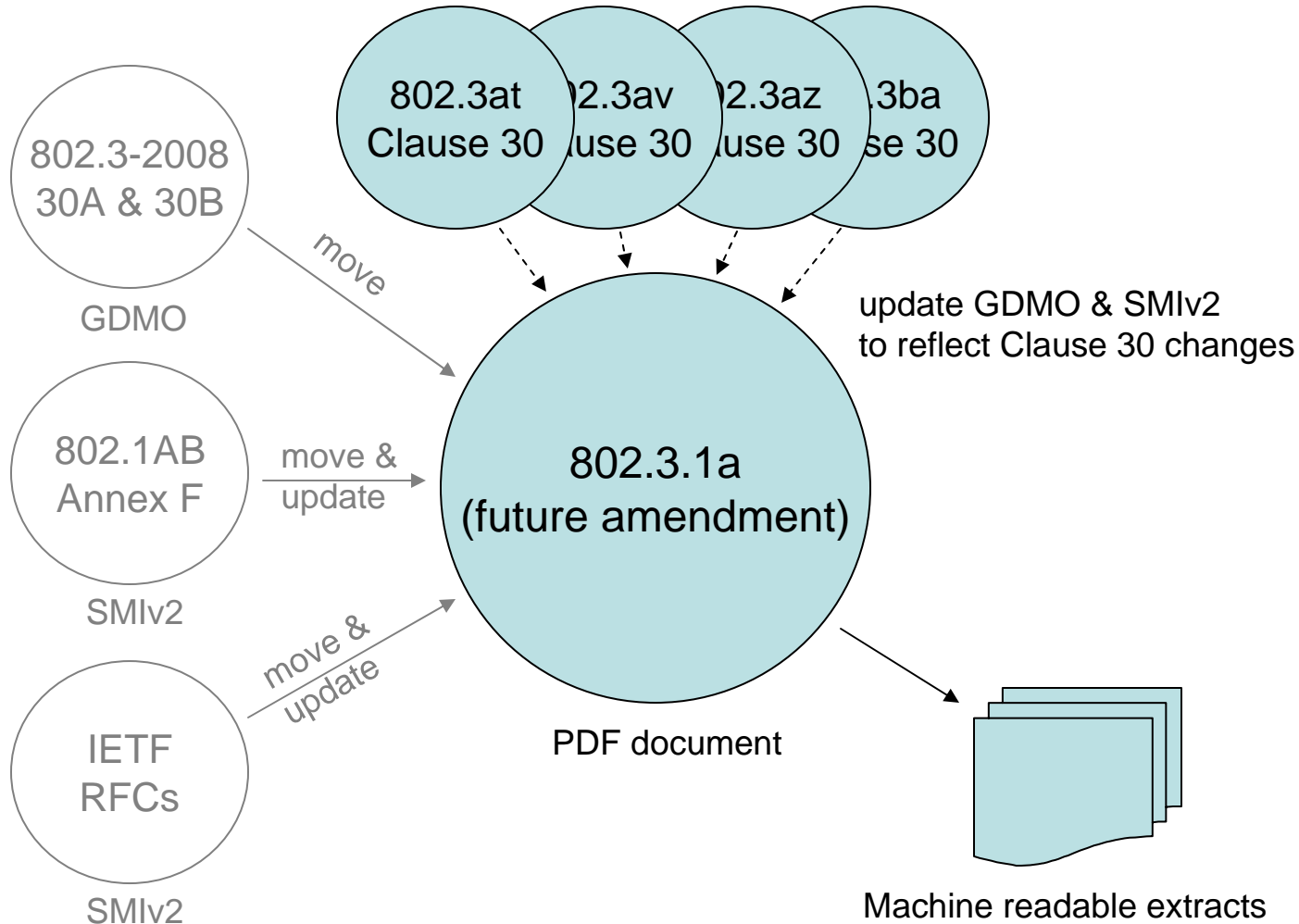
- No reflector set up yet
 - after this meeting
- Web page
 - <http://www.ieee802.org/3/be/index.html>

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 802 EC
November 14, 2008
- P802.3.1 PAR approved by NesCom and
Standards Board via continuous
processing in January, 2009
- Brief meeting held in conjunction with
Maintenance TF during January interim
– Approved document structure

"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
15. GDMO specification for IEEE 802.3 managed object classes
16. GDMO and ASN.1 definitions for management

Plan for the week

- Meet Wednesday for $\frac{1}{2}$ day
- Review a very preliminary draft