

Centre for
Telematics and
Information
Technology



University of Twente
The Netherlands

IM 2001 PANEL 4

Aiko Pras

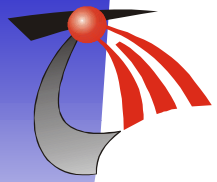
CTIT

University of Twente

the Netherlands

email: pras@ctit.utwente.nl

<http://www.ctit.utwente.nl/~pras>

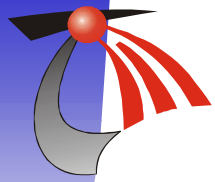


CAN WBEM REPLACE SNMP?

NO!

SHOULD WEBM REPLACE SNMP?

NO!



SNMP IN A NUTSHELL

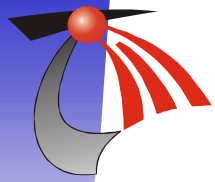
STARTED AROUND 1989

IS IMPLEMENTED BY MANY VENDORS

MINOR INTEROPERABILITY PROBLEMS

USES UDP

AWKWARD ENCODING



WBEM IN A NUTSHELL

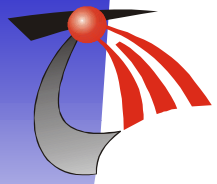
STARTED AROUND 1996

IS SUPPORTED BY MANY VENDORS

NO INTEROPERABILITY

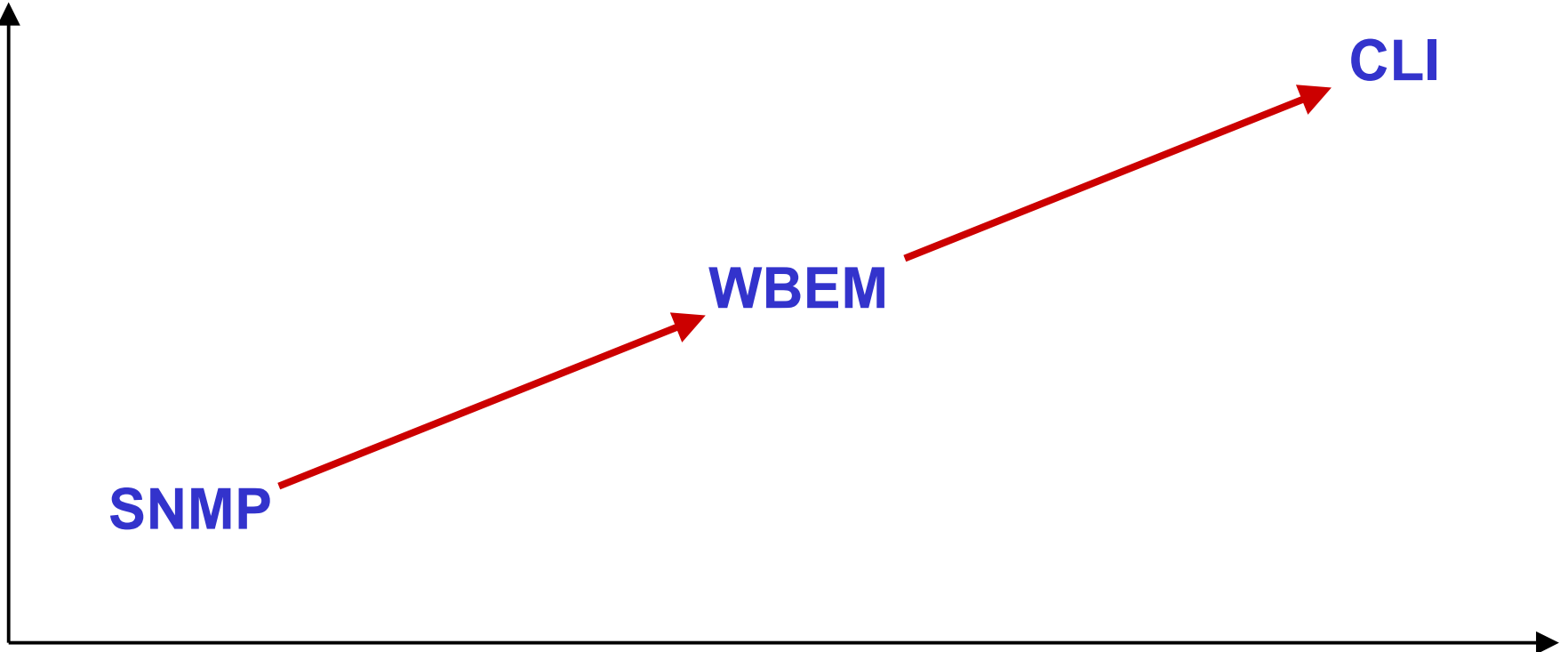
USES HTTP

XML ENCODING



WHAT THE FUTURE WILL BRING

EASE OF
ENCODING

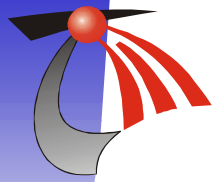


SNMP

WBEM

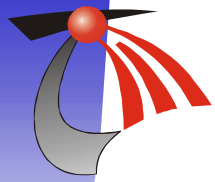
CLI

POWER OF
UNDERLYING PROTOCOL



ISN'T THIS GREAT?

NO!



WHAT IS THE CONCLUSION?

INSTEAD OF TRYING TO **REPLACE** SNMP

THE WEBM SUPPORTERS SHOULD HAVE
TRIED TO **IMPROVE** SNMP

THERE IS STILL A CHANCE TO CONTRIBUTE ...

- SMIng
- EOS