Sharing Data Sets

What is the problem?

- Let's share data sets... →
- Results verification can be cumbersome.
- Nobody wants to spend time (re-)implementing data parsers or documenting how data is stored.
- Programming language barriers become problematic.

Let's share data sets...

Hi, cool paper. Would you mind sending me some of your data sets?

Thanks, sure – here is a zip file with everything in it.

How do I interpret the data?

unsigned aligned byte parity (md5) with time major block and trace minor order....how else?

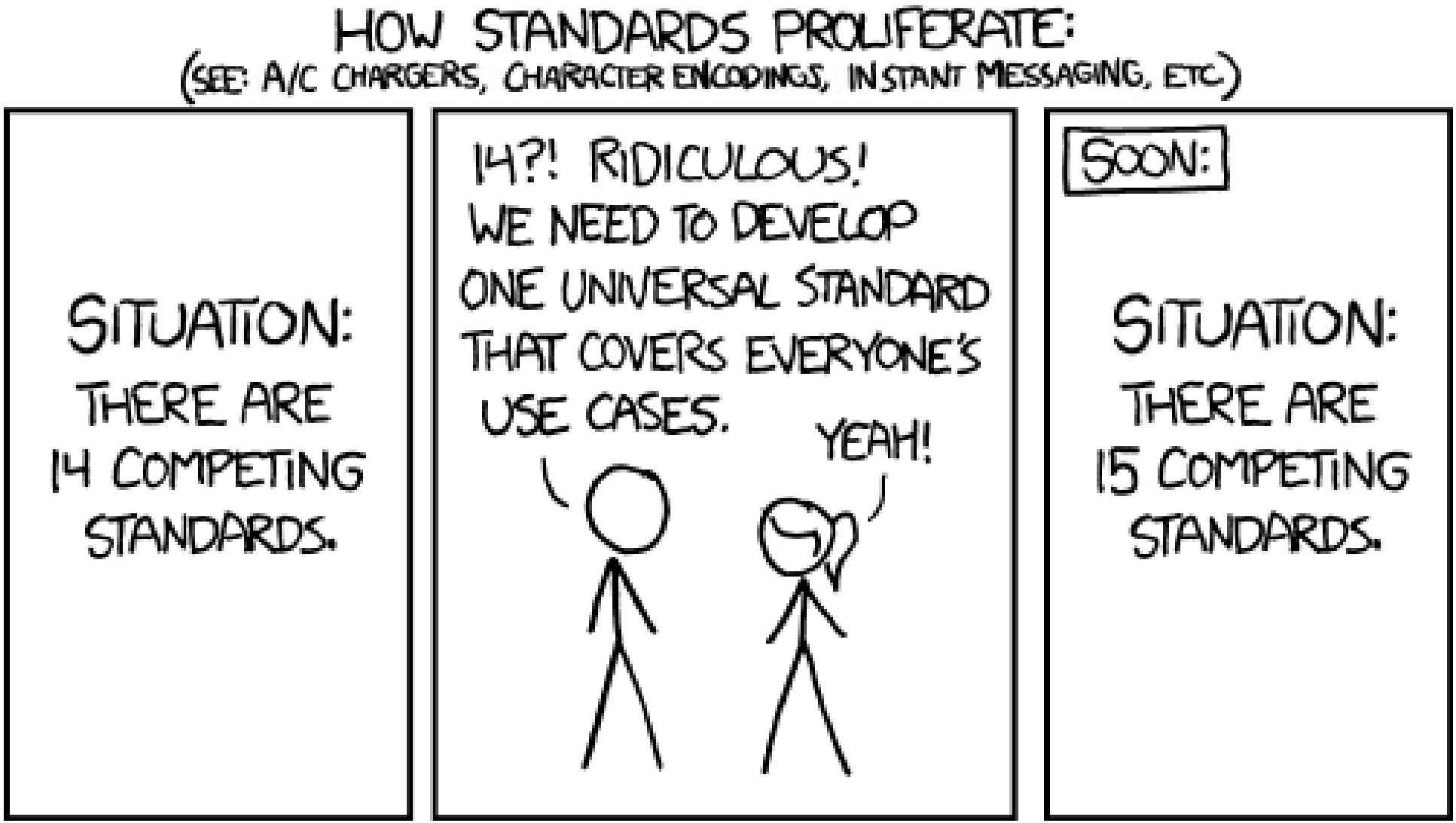
Can you provide a parser?

Sure – here is a Prolog implementation of a parser.

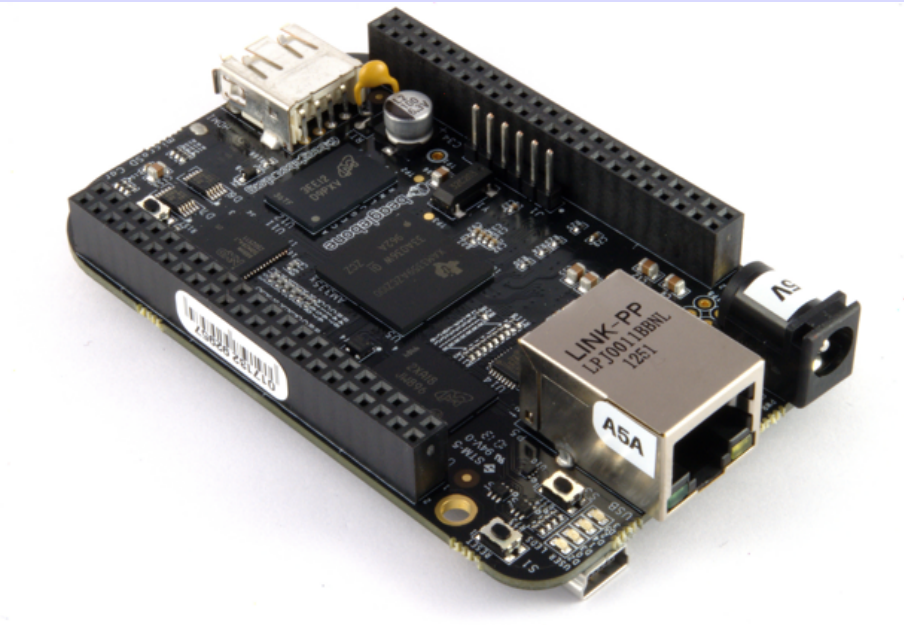
wtf...

Never mind, life is too short.

Who Cares?


HOW STANDARDS PROLIFERATE:
(SEE: A/C CHARGERS, CHARACTER ENCODINGS, INSTANT MESSAGING, ETC)
SITUATION: THERE ARE 14 COMPETING STANDARDS.
14?! RIDICULOUS! WE NEED TO DEVELOP ONE UNIVERSAL STANDARD THAT COVERS EVERYONE'S USE CASES.
YEAH!
SOON:
SITUATION: THERE ARE 15 COMPETING STANDARDS.

Some upcoming results



SoC AES hardware engine attack.

Contact Information

Trace Format:

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PhD studentships available @ Bristol (U.K. Only)