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HOW STANDARDS PROLIFERATE:
(SEE: A/C CHARGERS, CHARACTER ENCODINGS, INSTANT MESSAGING, ETC.)

SITUATION:
THERE ARE
14 COMPETING
STANDARDS.

Randall Munroe, xkcd.

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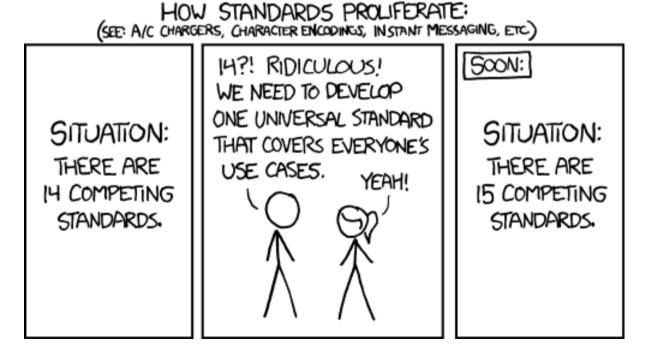
IH?! RIDICULOUS!
WE NEED TO DEVELOP
ONE UNIVERSAL STANDARD
THAT COVERS EVERYONE'S
USE CASES.
YEAH!

ONE UNIVERSAL

ONE UNI

Randall Munroe, xkcd.

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Randall Munroe, xkcd.

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Format Name RAW	Description Sequence format that doesn't contain any header.
FASTA	Default sequence format. Contains header line and sequence:
	>name
	AGCTGTGTGGGTTGGGTT
PIR	Sequence format that's similar to FASTA but less common
MSF	Multiple sequence alignment format
CLUSTAL	Multiple sequence alignment format (works with T-Coffee)
TXT	Text format
GIF, JPEG, PNG	Graphic formats
PDF, DOC	Binary format

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- 5. Use good null values.

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- 7. Perform basic quality control.

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- 8. Use an established repository.

- 1. Share your data.
- 2. Provide metadata.
- 3. Provide an unprocessed form of the data.
- 4. Use standard data formats.
- 5. Use good null values.
- 6. Make it easy to combine your data with other datasets.
- 7. Perform basic quality control.
- 8. Use an established repository.
- 9. Use an established and open license.





