

Data Standards for 'TORCH VIII + iDigBio'

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[Standards ≈ Recommendations]

Everyday standards

.. Our lives are awash in standards

.. In fact, we could not conduct our lives without them

plug in the coffee pot, toaster

drive safely to work – traffic lights, signage

sit comfortably in your chair - height of your chair

conduct time-based activities - calendar

.. Consider what would happen without them

Esoteric standards

They are so far embedded into our lives that we don't recognize that we are complying with them

- .. language
- .. social policies (local/global)
- .. codes of conduct

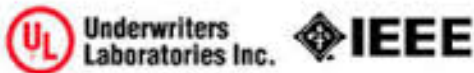


The nozzle fits because we have standards
Can you spot at least 3 standards?

Technology standards

.. ANSI, IEEE, CCITT, ITU-T, NIST, EAD
more strict, protocols, vocabularies that we
are all familiar with in our working lives – as consumers

What do they do: support the correct transmission of information
from one entity to the other, and often bridge the human ‘soft’
domain to the technical, silicon-based domain.



Data standards

OCLC (1967) WorldCat, MARC

.. for the librarians

Dublin Core

.. bridging the work of libraries to museums, archives,
web resources

Darwin Core (1998), TDWG

.. biodiversity informatics (specimen and observation data)

Audubon Core

.. multimedia related to specimen and observation data

With data standards, we have no ish-ness, no tics

examples:

Date

Lat/Lon

Genus

Species

These are reserved vocabulary fields and they ask for our compliance