abbreviated from **American Standard Code for Information Interchange**, is a [character encoding](https://en.wikipedia.org/wiki/Character_encoding) standard for electronic communication. ASCII codes represent text in computers, [telecommunications equipment](https://en.wikipedia.org/wiki/Telecommunications_equipment), and other devices. Most modern character-encoding schemes are based on ASCII, although they support many additional characters.

ASCII is the traditional name for the encoding system; the [Internet Assigned Numbers Authority](https://en.wikipedia.org/wiki/Internet_Assigned_Numbers_Authority) (IANA) prefers the updated name **US-ASCII**, which clarifies that this system was developed in the US and based on the typographical symbols predominantly in use there.[[2]](https://en.wikipedia.org/wiki/ASCII#cite_note-IANA_2007-2)

ASCII is one of the [IEEE milestones](https://en.wikipedia.org/wiki/List_of_IEEE_milestones).