AdapterInterface + hasValidLength(\$value) + has Valid Characters (\$value) + hasValidChecksum(\$value) + getLength() + getCharacters() =null)

+ getChecksum() + useChecksum(\$check AbstractAdapter # \$options

- + has ValidLength (\$value) + has Valid Characters (\$value)
- + hasValidChecksum(\$value)
 - + getLength() + getCharacters() + getChecksum()
 - + useChecksum(\$check =null) # setChecksum(\$checksum) # setLength(\$length)

setCharacters(\$characters)

gtin(\$value) # identcode(\$value) # code25(\$value) # postnet(\$value)



\$utf8StringWrapper _construct() + setUtf8StringWrapper

- (StringWrapperInterface \$utf8StringWrapper) + getUtf8StringWrapper() + has Valid Characters (\$value)
- # code128(\$value) # getCodingSet(\$value) # ord128(\$value, \$set)
- # chr128(\$value, \$set)