AdapterInterface

- + has ValidLength (\$value)
- + hasValidCharacters
- + hasValidChecksum(\$value)
- + getLength()

(\$value)

- + getCharacters()
 + getChecksum()
- + useChecksum(\$check



AbstractAdapter

\$options

+ getLength()

=null)

- + has ValidLength (\$value)
- + hasValidCharacters (\$value)
- + hasValidChecksum(\$value)
- + getCharacters()
- + getChecksum()+ useChecksum(\$check
- =null)
 # setChecksum(\$checksum)
- # setLength(\$length)
 # setCharacters(\$characters)
- # gtin(\$value)
- # identcode(\$value)
- # code25(\$value)
- # postnet(\$value)