## AdapterInterface

- + hasValidLength(\$value)
- + has ValidCharacters (\$value)
- + hasValidChecksum( \$value)
- + getLength()
- + getCharacters()
- + getChecksum()
- + useChecksum(\$check =null)



## AbstractAdapter

## # \$options

- + hasValidLength(\$value)
- + has Valid Characters (\$value)
- + hasValidChecksum( \$value)
- + getLength()
- + getCharacters()
- + getChecksum()
- + useChecksum(\$check =null)
- # setChecksum(\$checksum)
- # setCharacters(\$characters)
- # gtin(\$value)
- # identcode(\$value)

# setLength(\$length)

- # code25(\$value)
- # postnet(\$value)



Code93ext

+ \_\_construct()