

Converting data types

Converting (or **casting**) data types is very important throughout all functions provided by JWT.

To be able to **set**, **transform** or **calculate** values it might be necessary to turn a **text** value to a **number**, a **number** or a **timestamp** to a **text**, and even individual **text** or **number** values to a **list**.

The following functions will help you to achieve that.



Available functions

Function	Short description	Output
issueKeysToIssueList()	Converts a text containing issue keys into an issue list .	ISSUE LIST
toInteger()	Converts text into an integer .	NUMBER
toNumber()	Converts text into a number .	NUMBER
toNumberList()	Converts text containing numbers into a number list .	NUMBER LIST
toString()	Converts numbers and lists into plain text .	TEXT
toStringList()	Converts text into a text list .	TEXT LIST

Whenever you write a numeric term at the right-hand side of **the + operator** or a **comparison operator** like = , and the left-hand side is occupied by a text term, JWT will automatically transform the right-hand side term into a text [toString\(\)](#).

Operator	Example
+	"His age is " + 30 is equivalent to "His age is " + <code>toString(30)</code>
= (any comparison operator)	"30" = 30 is equivalent to "30" = <code>toString(30)</code>

If you still have questions, feel free to refer to our [support](#) team.