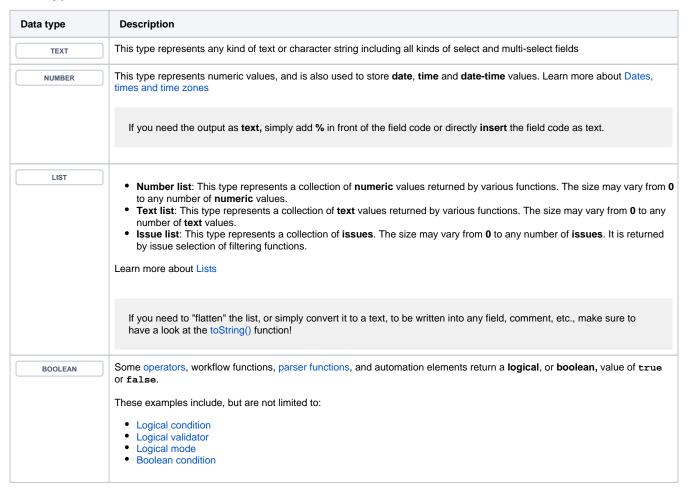
Data types

Throughout the documentation we refer to **data types** that can be used in the **expression parser** and its functions and field codes.

Data types define what kind of data a function needs as input and what you should expect as output.

Data types in JWT



Converting (casting) 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.



Function	Short description	Output
issueKeysTolssueList()	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 " + toString(30)	
= (any comparison operator)	"30" = 30 is equivalent to "30" = toString(30)	

If you still have questions, feel free to refer to our support team.