

# 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.

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, the parser 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)                   |



## Available functions

| Function                               | Short description   | Output      |
|--|---|-------------|
| <a href="#">issueKeysToIssueList()</a> | Converts a <b>text</b> containing <b>issue keys</b> to an <b>issue list</b> . | ISSUE LIST  |
| <a href="#">toLogicalValue()</a>       | Converts a <b>text</b> and lists to a <b>logical value</b> .                  | BOOLEAN     |
| <a href="#">toNumber()</a>             | Converts a <b>text</b> to a <b>number</b> .                                   | NUMBER      |
| <a href="#">toNumberList()</a>         | Converts <b>text</b> to a <b>number list</b> .                                | NUMBER LIST |
| <a href="#">toString()</a>             | Converts <b>numbers</b> and lists to plain <b>text</b> .                      | TEXT        |
| <a href="#">toStringList()</a>         | Converts <b>text</b> to a <b>text list</b> .                                  | TEXT LIST   |

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