

Implementation of the bioctal number format

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<https://www.bortzmeyer.org/bioctal.html>

I just wrote an implementation of the **bioctal** number format, which is specified in RFC 9226¹ (RFC published on 1st April 2022).

The RFC standardizes a number format called "bioctal". I let you read the RFC to understand the rationale of this format. The implementation is written in the Elixir programming language and is available in the file (en ligne sur <https://www.bortzmeyer.org/files/bioctal.ex>). It provides :

- Sigils (Elixir's way to use literals in various formats; sigils start with a tilde) for input,
- A formatting of numbers in bioctal for output.

An example of input :

```
IO.puts(~b{23cj}) # Thanks to the sigil ~b, "23cj" will be read as 9097
```

And an example of output :

```
IO.puts(format(9097)) # Will print "23cj"
```

1. Pour voir le RFC de numéro NNN, <https://www.ietf.org/rfc/rfcNNN.txt>, par exemple <https://www.ietf.org/rfc/rfc9226.txt>