



Programação Funcional com Elixir

The background of the slide features a series of overlapping, semi-transparent gray shapes that resemble stylized, flowing liquid or smoke. These shapes are concentrated on the left side of the frame, creating a sense of movement and depth. The right side of the slide is a plain, light gray.

Booleanos

Booleanos

- Tipos básicos do Elixir

- ~~o `iex> 1` `# integer`~~
- ~~o `iex> 1.0` `# float`~~
- ~~o `iex> 0x1F` `# integer`~~
- o **`iex> true` `# boolean`**
- o `iex> :atom` `# atom / symbol`
- o `iex> "elixir"` `# string`
- o `iex> [1, 2, 3]` `# list`
- o `iex> {1, 2, 3}` `# tuple`

Booleanos

- O Elixir aceita **true** e **false** como booleanos.

- `iex(1)> true`
- `true`
- `iex(2)> true == false`
- `false`
- `iex(3)> 2 < 42`
- `true`
- `iex(4)> 5 > 10`
- `false`

Booleanos

- Os operadores **NOT (!)**, **OR (||)** e **AND (&&)**

- o `iex(1) > !true`
- o `false`
- o `iex(2) > true || false`
- o `true`
- o `iex(3) > false || true`
- o `true`
- o `iex(4) > true && false`
- o `false`