

A tour of Nix

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Welcome to 'A tour of Nix', a beautifully crafted introduction into the [Nix programming language](#).

'A tour of Nix' focuses on programming language constructs and how Nix can be algorithmically used to solve problems. However, this is not an introduction into `nix-env`, `nix-shell`, `nix-repl` and we won't build/install software using `stdenv.mkDerivation`. Still we bundled [nixpkgs](#) into 'A tour of Nix' and you can use the **Nix library** functions' from `pkgs/lib`, which are used for packaging software.

When ready, just click the next button on the top right corner.

Note: [Youtube videos](#)

Note: Updated many questions in 2023!

Note: 'A tour of Nix' can be used offline once it has loaded in the browser.

Shortcuts

- next page: `ctrl + j`
- prev page: `ctrl + k`
- run : `shift + return`

Source

The **source code** of 'A tour of Nix' can be found here:

https://github.com/nixcloud/tour_of_nix

Please see the **LICENSE** file in that repository for more details.

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- [rashfael](#) (design consulting)
- [aflatter](#) (helping with spinner design)
- [goibhniu](#) (careful review)
- [lethalman](#) (careful review)

Note: If we forgot to list you here, just let us know!

License(s)

'A tour of Nix' contains this software:

- [Nix 1.9](#) (compiled with emscripten)
- [nixpkgs](#)
- [emscripten-1.29.10](#)
- [codemirror 5.5](#)
- [markdown.js](#)
- [FileSaver.js](#)

emscripten (1.29.10)

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Nix (1.9)

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Version 2.1, February 1999

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[full details](#)

nixPkgs

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codemirror (5.5)

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markdown.js

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FileSaver.js

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Note: See video [@youtube](#)

```
1 {  
2   helloWorld = "Hello" + " " + "World";  
3 }  
4
```

#you found the solution button, please don't cheat yourself!

```
{  
  helloWorld = "Hello" + " " + "World";  
}
```

