



krátký úvod do jazyka z pohledu JS vývojáře

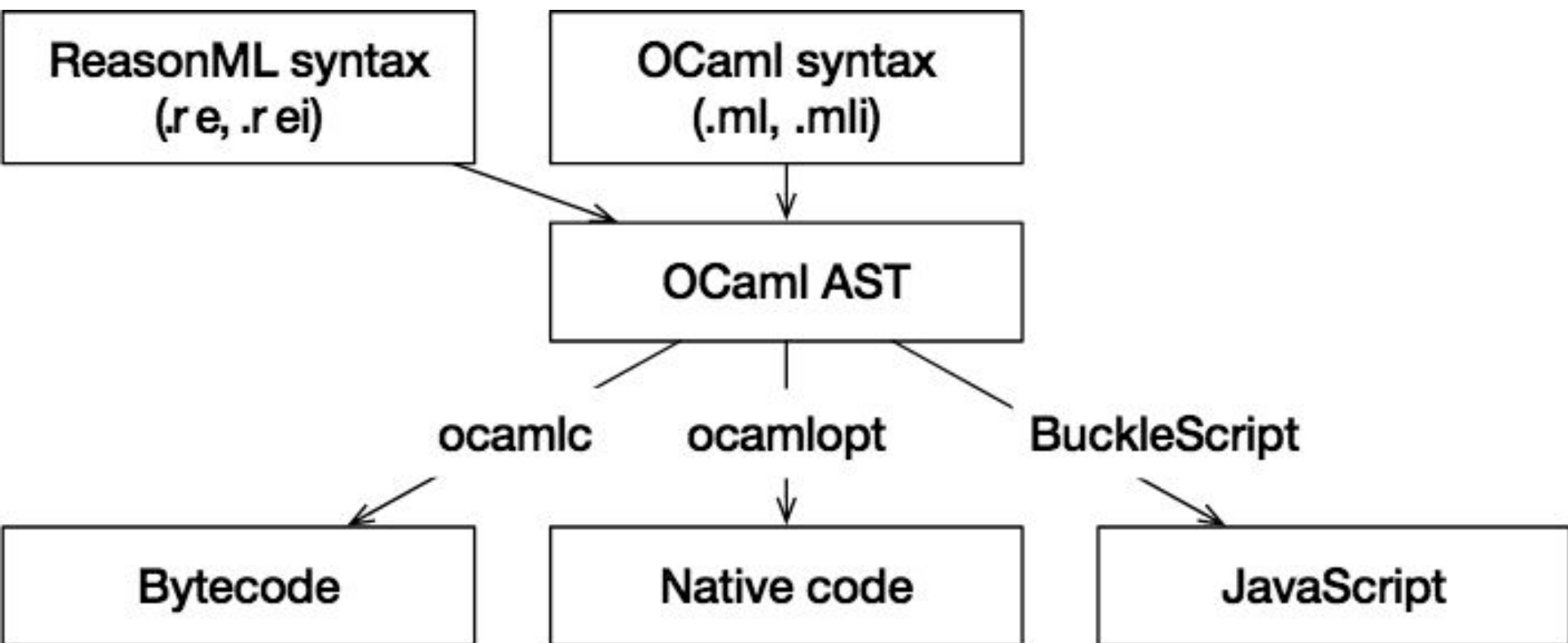


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RACE FOR A REASON™

ML





Kde začít

- <https://reasonml.github.io/>
- <http://reasonmlhub.com/exploring-reasonml/index.html>
<http://2ality.com/>
- <https://github.com/vramana/awesome-reasonml>
- <https://jaredforsyth.com/posts/javascript-interop-with-reason-and-bucklescript/>

PRIMITIVE	EXAMPLE
Strings	"Hello"
Characters	'x'
Integers	23, -23
Floats	23.0, -23.0
Integer Addition	23 + 1
Float Addition	23.0 +. 1.0
Integer Division/Multiplication	2 / 23 * 1
Float Division/Multiplication	2.0 /. 23.0 *. 1.0
Float Exponentiation	2.0 ** 2.0
String Concatenation	"Hello " ++ "World"
Comparison	>, <, >=, <=
Boolean operations	!, &&,
Reference, Structural (deep) Equality	===, ==

PRIMITIVE

Immutable Lists

Immutable Prepend

Arrays

Records

Comments

EXAMPLE

```
[1, 2, 3]
```

```
[item1, item2, ...theRest]
```

```
[|1, 2, 3|]
```

```
type player = {score: int}; {score: 100}
```

```
/* Comment here */
```



List vs Array



Currying

<https://reasonml.github.io/en/try.html?rrjsx=true&reason=DYUwLgBAbg9sCuBbEEC8EAUAPANBAnngF4CUaAfBFhAFQG0REDcAUC6JAEYCGAziAGUAjvG4AnEAFY00OEhAZJeSSSZa>



Named arguments

<https://reasonml.github.io/en/try.html?rrjsx=true&reason=DYUwLgBAbg9sCuBbEEC8EAUUA-AHgGgiwE8CsAvASjQD4lclAqClxiMgbgChPRIB3AJZgAFgAkQAqObCwAVjTQ4SENjKpZFLkA>



Records

<https://reasonml.github.io/en/try.html?rrjsx=true&reason=C4TwDgpgBJBODOB7AdlAvFA3gKCIZAhgLYQBcU8wsAlsQOYA0uUBdZUtwTAvgNzbYANhGBQAFgFc6idFmaES5AEQAJKTiBeUFYlhKmeVuwCMABmMAMHvyEiolRBPprpsnHgB0XydIMs25MYAzNYCoJDlUhAAShAAxroAJm7M1MDG5JQ09H5pFplUtlpwEEF2cV4aQAs5UW5wACsdTklAGwtIRzAAOydDQAc-SUAnMNV6abj3cYZFIWtE5bTacEr6bXzFQ3GzVv1JcYd+4szfSddq0MXO2M3JRZT9xMWc1kHL-n3fALCogBmiBkGHcM2Uxn0D3BklmZSgSghDU2CJh3T2KlaxwxJXO2lm1zx3TuhNWTxJ6Tm5OW8MRhzhVORtKW6KZMyxrNWul56QJ3OMxO5j2hDVewoeX2xP1sogARgRYCIPF5AYgdsoLJC+EA>



Objects

<http://reason.surge.sh/?syntax=Reason&code=C4TwDqpgBJBODOB7AdIAvFA3gOgFBSgCJkBDawwklC4p5hYBLZAcwBp8iTnKanh2AvgG5cuADYRgUABYBXZohpwkqDJg7FyPIqAl5iKAC8oOxLELsChLtoCMAZkEjcAKXjYxiZgAo5CgMT+pBQAIEJAA&canvas=50>



Mutation

<https://reasonml.github.io/en/try.html?rjsx=true&reason=DYUwLqBAtgrrmCGAjUA1ewIF4ICcQDMAKARgGYBKAbgChqApAZwDpgB7Ac1MICJEDW83ADTQ4SVOhGwEyEGmAA9KrWni56CAC5sAdhr1mbTj3j4wIHMNEyJwKWNnyIIA>



Reason React

[playground](#)



Problémy s Reason

#Reason Dojo

First European-wide Reason Dojo on May 27th, 2018. Ask for resources to organise or attend in your city!

Discord: <https://discord.gg/YxpbWh>