

You have 36 calls.

```
"You have " + numberOfCalls + " calls.";
```

You have 36 calls.

You have 36 calls.  
You have 3 calls.

You have 36 calls.  
You have 3 calls.  
You have 1 calls.

You have 36 calls.  
You have 3 calls.  
You have 1 calls.  
You have 0 calls.

You have 36 calls.

You have 3 calls.

You have 1 call.

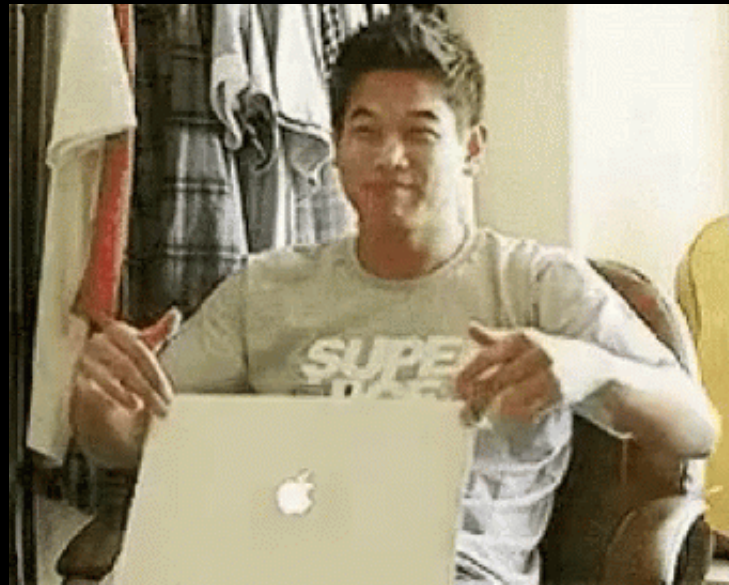
You have 0 calls.

Masz 36 połączeń.  
Masz 3 połączeń.  
Masz 1 połączenie.  
Masz 0 połączeń.



Masz 36 połączeń.  
Masz 3 połączenia.  
Masz 1 połączenie.  
Masz 0 połączeń.

You have 36.5714285714 messages.



**Hi, I'm Kaspar**

**I call myself Interactive Storytelling Developer**

# Turning data into language

**Language Value: 8730023985.98979889336629**

---

German 8'730'023'985.99

---

French 8 730 023 985,99

---

English 8,730,023,985.99

---

<b>Language</b>	<b>Timestamp: 896781600000</b>
English (US)	6/2/1998
English (GB)	02/06/1998
German (CH)	2.6.1998
French (CH)	02.06.1998
French (FR)	02/06/1998

**Intl**



# Intl.NumberFormat

```
const formatForGerman = new Intl.NumberFormat("de-CH");  
formatForGerman(8730023985.98979889336629);  
//> 8'730'023'985.99
```

# Currency

```
const formatCurrency = new Intl.NumberFormat("de-CH", {  
  style: "currency",  
  currency: "USD"  
});  
formatCurrency(8730023985.98979889336629);  
//> $ 8'730'023'985.99
```

# Percents

```
const formatPercents = new Intl.NumberFormat("de-CH", {  
  style: "percent",  
  maximumFractionDigits: 1  
});  
formatPercents(0.643362);  
//> 64.3%
```

# Intl.DateTimeFormat

```
const formatDate = new Intl.DateTimeFormat("fr-CH", {  
  weekday: "long",  
  day: "numeric",  
  month: "long",  
  year: "numeric"  
});  
formatDate(new Date(896781600000));  
//> mardi, 2 juin 1998
```

## Variations ...

```
const formatDate = new Intl.DateTimeFormat("fr-CH", {  
  weekday: "long",  
  day: "numeric",  
  month: "numeric",  
  year: "numeric"  
});  
formatDate(new Date(896781600000));  
//> mardi, 02.06.1998
```

# FormatMessage

```
import { FormatMessage } from "intl-messageformat";
```

# Message Syntax

```
message['en-GB'] = `You have {numberOfCalls, plural,  
  zero {no calls}  
  one {one call}  
  other {# calls}  
}.`;
```

# Message Syntax

```
message['pl-PL'] = `Masz {numberOfCalls, plural,  
  zero {0 połączeń}  
  one {1 połączenie}  
  few {# połączenia}  
  many {# połączeń}  
}.`;
```



# Usage

```
const msgFormat = new FormatMessage(  
  message["pl-PL"],  
  "pl-PL"  
);  
  
msgFormat.format({  
  numberOfCalls: 114  
});  
//> "Masz 114 połączeń"
```

**Why is it nice?**

# Does it work everywhere?

Feature	Status	Browser Support
Collator	Standard	Most browsers
DateTimeFormat	Standard	Most browsers
NumberFormat	Standard	Most browsers
ListFormat	Draft	Chrome 72
PluralRules	Draft	Chrome 63, Firefox 58
RelativeTime	Stage 3	Chrome 71, Firefox 65

# Thanks!

Kaspar Manz  
@xeophin

Links and presentation can be found under  
<https://github.com/xeophin/intl-presentation>

