

# Auction suffix

Arguments:

- suffix: `SettlementSuffixData`

```
type AuctionPoint = {
  delay: number; // point in time of this point relatively to previous point
  coefficient: number; // coefficient rate bump from the end of an auction
};

type AuctionWhitelistItem = {
  address: string;
  allowance: number; // seconds
};

type SettlementSuffixData = {
  points: AuctionPoint[]; // represents auction points with rates and delays
  whitelist: AuctionWhitelistItem[]; // combination of the resolver address and allowance in seconds, which represents when the resolver can start full fill the order
  publicResolvingDeadline?: number; // represents time in seconds when the order started to be public (can be filled by any one)
  takerFeeReceiver?: string; // address of the fee receiver
  takerFeeRatio?: string; // taker ratio, 10000000 = 1%
};
```

Example:

```
import { AuctionSuffix } from "@1inch/fusion-sdk";

const suffix = new AuctionSuffix({
  points: [
    {
      coefficient: 20000,
      delay: 12,
    },
  ],
  whitelist: [
    {
      address: "0x00000000219ab540356cbb839cbe05303d7705fa",
      allowance: 0,
    },
  ],
});
```

```
    ],  
  });  
  
  suffix.build();  
  // #=> '000c004e2000000000000000000219ab540356cbb839cbe05303d7705faf486570009'
```

## static AuctionSuffix.decode

Arguments:

- interactions: string

Example:

```
import { AuctionSuffix } from "@1inch/fusion-sdk";  
  
const encodedSuffix =  
  "000c004e2000000000000000000219ab540356cbb839cbe05303d7705fa63c0566a09";  
  
const suffix = AuctionSuffix.decode(encodedSuffix);  
  
suffix.build();  
// #=> '000c004e2000000000000000000219ab540356cbb839cbe05303d7705fa63c0566a09'
```

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