

distinctRemoteAddr

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Kind: Function**Source:** `src/utils/ipaddr.ts`**Part of:** [Utils](#)

Distinct Remote Addr

`distinctRemoteAddr` derives a distinct remote-address value from the address data passed to it. It belongs to the IP-address utility layer and centralizes remote-address handling for callers that need a consistent value.

Signature

```
function distinctRemoteAddr(remoteAddr: string): AddressType
```

Parameters

Name	Type
<code>remoteAddr</code>	<code>string</code>

Returns: `AddressType`

Diagram

```
graph LR
  Input[Remote address data] --> Function[distinctRemoteAddr]
  Function --> Output[Distinct remote address]
```

Usage

```
import { distinctRemoteAddr } from "../utils/ipaddr";

const remoteAddress = request.socket.remoteAddress;
const address = distinctRemoteAddr(remoteAddress);

if (address) {
  auditLog({ remoteAddress: address });
}
```

AI Coding Instructions

- Keep remote-address parsing and normalization inside `src/utils/ipaddr.ts` .
- Pass the address value in the format expected by `distinctRemoteAddr` .
- Check the returned value before using it in logs, access checks, or storage.
- Do not duplicate remote-address handling logic at call sites.

Used by

1 reference from 1 file. Each is a place in this repository where the symbol is actually used — go read one rather than trusting an example.

Imported by (1)

- `IPRestrictionRule` — `src/middleware/ip-restriction/index.ts` :38