

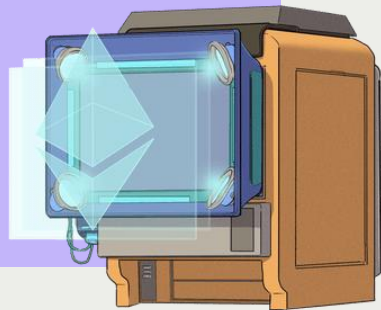
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# 第十二讲 创建 MBTI 记录

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## 第十二讲 创建 MBTI 记录

### 需求分析

The image displays three sequential screenshots of a mobile application interface for creating and viewing MBTI records.

- Left Screenshot:** A simple login screen titled "MBTI" with a single blue button labeled "登录" (Login).
- Middle Screenshot:** The "Claim MBTI" screen. It features a title "MBTI", a hexadecimal address "0x0000...0000", and a red "退出" (Exit) button. Below these are four dropdown menus for MBTI types: "E", "N", "J", and "T". A blue "Claim MBTI" button is positioned below the dropdowns. At the bottom, there is a text input field containing "0Fab021" and a blue "查询" (Query) button.
- Right Screenshot:** The result screen after claiming. It shows the title "MBTI", the address "0x0000...0000", and the red "退出" button. Below the dropdowns are two buttons: a blue "更新" (Update) button and a red "销毁" (Destroy) button. A large yellow button displays the result "INJT". Below this, it says "您被围观 N 次 MBTI" (You are being watched N times MBTI) and "历史" (History). A list shows "2\*. INJT" and "1. ENJT". At the bottom, there is a text input field with "0Fab021" and a blue "查询" button.

需要创建 MBTI 记录。

类别	方法/事件名	payable	功能	参数
方法	claimMBTI	否	创建当前账户的 MBTI 记录	MBTI 类型

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### 回顾

```
// 获取 provider
```

```
const provider = window.ethereum ? new  
ethers.BrowserProvider(window.ethereum) : ethers.getDefaultProvider();
```

```
// 获取 signer
```

```
const signer = provider?.getSigner();
```

// 构建 Contract 实例,注意此处传入的是 Signer 实例, 可以执行写操作;  
反之如果传入 Provider 实例, 则不能执行写操作;

```
const contract = new Contract(CONTRACT_ADDRESS, abi,  
PROVIDER_OR_SIGNER);
```

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// 执行只读操作，直接返回结果

```
const decimals = await contract.decimals();
```

// 换算获取 amount

```
const amount = parseUnits("1.0", 18);
```

// 执行写操作，返回交易对象

```
const tx = await contract.transfer(RECIPIENT_ADDRESS, amount);
```

// 等待交易执行完成

```
await tx.wait();
```

谢谢观看