

Core Space eSpace

Conflux 2.0 eSpace: VM CrossSpaceCall CE Conflux

(mirror address)

CrossSpaceCall

eSpace 0xc655a016f2ebe30f0dbe1a957d439104e05451e9 Core CrossSpaceCal

```
// SPDX-License-Identifier: UNLICENSED
pragma solidity ^0.8.13;

contract Counter {
    uint256 public number;

    function setNumber(uint256 newNumber) public {
        number = newNumber;
    }

    function increment() public {
        number++;
    }
}
```

Core CrossSpaceCall eSpace Counter

```
// SPDX-License-Identifier: UNLICENSED
pragma solidity ^0.8.13;

import "@confluxfans/contracts/InternalContracts/CrossSpaceCall.sol";

contract CrossSpaceDemo {
    CrossSpaceCall crossSpaceCall =
```

```

CrossSpaceCall(0x0888000000000000000000000000000000000000000000000000000000000000);

address eSpaceCounterAddr = 0xc655A016f2eBE30f0DBe1A957D439104E05451e9;

function setNumber(uint256 newNumber) public {
    // use abi.encodeWithSignature method to build the method call data
    crossSpaceCall.callEVM(bytes20(eSpaceCounterAddr),
abi.encodeWithSignature("setNumber(uint256 newNumber)", newNumber));
}

function getNumber() public returns (uint256) {
    bytes memory num = crossSpaceCall.callEVM(bytes20(eSpaceCounterAddr),
abi.encodeWithSignature("number()"));
    // use abi.decode to decode data
    return abi.decode(num, (uint256));
}
}

```

ConfluxHub Space Bridge App

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