

```

1  // SPDX-License-Identifier: MIT
2  // OpenZeppelin Contracts (last updated v4.5.0) (interfaces/draft-IERC1822.sol)
3
4  pragma solidity ^0.8.0;
5
6  /**
7   * @dev ERC1822: Universal Upgradeable Proxy Standard (UUPS) documents a method for
      upgradeability through a simplified
8   * proxy whose upgrades are fully controlled by the current implementation.
9   */
10 interface IERC1822Proxiable {
11     /**
12      * @dev Returns the storage slot that the proxiable contract assumes is being
      used to store the implementation
13      * address.
14      *
15      * IMPORTANT: A proxy pointing at a proxiable contract should not be considered
      proxiable itself, because this risks
16      * bricking a proxy that upgrades to it, by delegating to itself until out of
      gas. Thus it is critical that this
17      * function revert if invoked through a proxy.
18      */
19     function proxiableUUID() external view returns (bytes32);
20 }
21

```