

```

1  // SPDX-License-Identifier: MIT
2  // OpenZeppelin Contracts v4.4.1 (utils/introspection/ERC165.sol)
3
4  pragma solidity ^0.8.0;
5
6  import "./IERC165.sol";
7
8  /**
9   * @dev Implementation of the {IERC165} interface.
10  *
11  * Contracts that want to implement ERC165 should inherit from this contract and
12  * override {supportsInterface} to check
13  * for the additional interface id that will be supported. For example:
14  * ```solidity
15  * function supportsInterface(bytes4 interfaceId) public view virtual override
16  * returns (bool) {
17  *     return interfaceId == type(MyInterface).interfaceId ||
18  *     super.supportsInterface(interfaceId);
19  * }
20  * ````
21  * Alternatively, {ERC165Storage} provides an easier to use but more expensive
22  * implementation.
23  */
24  abstract contract ERC165 is IERC165 {
25      /**
26       * @dev See {IERC165-supportsInterface}.
27       */
28      function supportsInterface(bytes4 interfaceId) public view virtual override
29      returns (bool) {
30          return interfaceId == type(IERC165).interfaceId;
31      }
32  }

```