

IERC1155Receiver

Functions

onERC1155BatchReceived - read

Handles the receipt of a multiple ERC1155 token types. This function is called at the end of a `safeBatchTransferFrom` after the balances have been updated. To accept the transfer(s), this must return `bytes4(keccak256("onERC1155BatchReceived(address,address,uint256[],uint256[],bytes)"))` (i.e. 0xbc197c81, or its own function selector).

Name	Type	Description
operator	address	The address which initiated the batch transfer (i.e. msg.sender)
from	address	The address which previously owned the token
ids	uint256[]	An array containing ids of each token being transferred (order and length must match values array)
values	uint256[]	An array containing amounts of each token being transferred (order and length must match ids array)
data	bytes	Additional data with no specified format

Returns:

Name	Type	Description
	bytes4	

onERC1155Received - read

Handles the receipt of a single ERC1155 token type. This function is called at the end of a `safeTransferFrom` after the balance has been updated. To accept the transfer, this must return `bytes4(keccak256("onERC1155Received(address,address,uint256,uint256,bytes)"))` (i.e. 0xf23a6e61, or its own function selector).

Name	Type	Description
operator	address	The address which initiated the transfer (i.e. msg.sender)
from	address	The address which previously owned the token
id	uint256	The ID of the token being transferred
value	uint256	The amount of tokens being transferred
data	bytes	Additional data with no specified format

Returns:

Name	Type	Description
	bytes4	

supportsInterface - read

Returns true if this contract implements the interface defined by `interfaceId`. See the corresponding <https://eips.ethereum.org/EIPS/eip-165#how-interfaces-are-identified>[EIP section] to learn more about how these ids are created. This function call must use less than 30 000 gas.

Name	Type	Description
interfaceId	bytes4	

Returns:

Name	Type	Description
	bool	