

PoolAddressesProviderRegistry

PoolAddressesProviderRegistry

A register of the active [PoolAddressesProvider](#) contracts, covering all markets. This contract is immutable and the address will never change.

For example, the Pool address for the main market is different from the Pool address for the AMM market.

The source code can be found on [Github](#).

View Methods

getAddressesProviderList

```
function getAddressesProvidersList()
```

Returns a list of active [PoolAddressesProvider](#) contracts for the registered Aave protocol markets.

Returns Values

Type Description address[] List of active PoolAddressesProvider

getAddressesProviderIdByAddress

```
function getAddressesProviderIdByAddress(address addressesProvider)
```

Returns Id of PoolAddressesProvider.

Call Params

Name Type Description addressesProvider address Address of the PoolAddressesProvider Return Values

Type Description uint256 Id of the associated PoolAddressesProvider. 0 indicates not a valid PoolAddressesProvider address

ABI

PoolAddressesProviderRegistry ABI ```

```
Copy [ { "inputs": [ { "internalType": "contract IPoolAddressesProvider", "name": "addressesProvider", "type": "address" } ],  
"stateMutability": "nonpayable", "type": "constructor" }, { "inputs": [], "name": "ADDRESSES_PROVIDER", "outputs": [ {  
"internalType": "contract IPoolAddressesProvider", "name": "", "type": "address" } ], "stateMutability": "view", "type": "function"  
}, { "inputs": [ { "internalType": "address", "name": "asset", "type": "address" } ], "name": "getATokenTotalSupply", "outputs": [ {  
"internalType": "uint256", "name": "", "type": "uint256" } ], "stateMutability": "view", "type": "function" }, { "inputs": [], "name":  
"getAllATokens", "outputs": [ { "components": [ { "internalType": "string", "name": "symbol", "type": "string" }, { "internalType":  
"address", "name": "tokenAddress", "type": "address" } ], "internalType": "struct AaveProtocolDataProvider.TokenData[]",  
"name": "", "type": "tuple[]" } ], "stateMutability": "view", "type": "function" }, { "inputs": [], "name": "getAllReservesTokens",  
"outputs": [ { "components": [ { "internalType": "string", "name": "symbol", "type": "string" }, { "internalType": "address",  
"name": "tokenAddress", "type": "address" } ], "internalType": "struct AaveProtocolDataProvider.TokenData[]", "name": "",  
"type": "tuple[]" } ], "stateMutability": "view", "type": "function" }, { "inputs": [ { "internalType": "address", "name": "asset",  
"type": "address" } ], "name": "getDebtCeiling", "outputs": [ { "internalType": "uint256", "name": "", "type": "uint256" } ],  
"stateMutability": "view", "type": "function" }, { "inputs": [], "name": "getDebtCeilingDecimals", "outputs": [ { "internalType":  
"uint256", "name": "", "type": "uint256" } ], "stateMutability": "pure", "type": "function" }, { "inputs": [ { "internalType": "address",  
"name": "asset", "type": "address" } ], "name": "getInterestRateStrategyAddress", "outputs": [ { "internalType": "address",  
"name": "irStrategyAddress", "type": "address" } ], "stateMutability": "view", "type": "function" }, { "inputs": [ { "internalType":  
"address", "name": "asset", "type": "address" } ], "name": "getLiquidationProtocolFee", "outputs": [ { "internalType": "uint256",  
"name": "", "type": "uint256" } ], "stateMutability": "view", "type": "function" }, { "inputs": [ { "internalType": "address", "name":  
"asset", "type": "address" } ], "name": "getPaused", "outputs": [ { "internalType": "bool", "name": "isPaused", "type": "bool" } ],  
"stateMutability": "view", "type": "function" }, { "inputs": [ { "internalType": "address", "name": "asset", "type": "address" } ],  
"name": "getReserveCaps", "outputs": [ { "internalType": "uint256", "name": "borrowCap", "type": "uint256" }, { "internalType":  
"uint256", "name": "supplyCap", "type": "uint256" } ], "stateMutability": "view", "type": "function" }, { "inputs": [ { "internalType":  
"address", "name": "asset", "type": "address" } ], "name": "getReserveConfigurationData", "outputs": [ { "internalType":  
"uint256", "name": "decimals", "type": "uint256" }, { "internalType": "uint256", "name": "ltv", "type": "uint256" }, { "internalType":  
"uint256", "name": "liquidationThreshold", "type": "uint256" }, { "internalType": "uint256", "name": "liquidationBonus", "type":  
"uint256" }, { "internalType": "uint256", "name": "reserveFactor", "type": "uint256" }, { "internalType": "bool", "name":  
"usageAsCollateralEnabled", "type": "bool" }, { "internalType": "bool", "name": "borrowingEnabled", "type": "bool" }, {  
"internalType": "bool", "name": "stableBorrowRateEnabled", "type": "bool" }, { "internalType": "bool", "name": "isActive",  
"type": "bool" }, { "internalType": "bool", "name": "isFrozen", "type": "bool" } ], "stateMutability": "view", "type": "function" }, {  
"inputs": [ { "internalType": "address", "name": "asset", "type": "address" } ], "name": "getReserveData", "outputs": [ {
```

```

"internalType": "uint256", "name": "unbacked", "type": "uint256" }, { "internalType": "uint256", "name":
"accruedToTreasuryScaled", "type": "uint256" }, { "internalType": "uint256", "name": "totalAToken", "type": "uint256" }, {
"internalType": "uint256", "name": "totalStableDebt", "type": "uint256" }, { "internalType": "uint256", "name":
"totalVariableDebt", "type": "uint256" }, { "internalType": "uint256", "name": "liquidityRate", "type": "uint256" }, { "internalType":
"uint256", "name": "variableBorrowRate", "type": "uint256" }, { "internalType": "uint256", "name": "stableBorrowRate", "type":
"uint256" }, { "internalType": "uint256", "name": "averageStableBorrowRate", "type": "uint256" }, { "internalType": "uint256",
"name": "liquidityIndex", "type": "uint256" }, { "internalType": "uint256", "name": "variableBorrowIndex", "type": "uint256" }, {
"internalType": "uint40", "name": "lastUpdateTimestamp", "type": "uint40" } ], "stateMutability": "view", "type": "function" }, {
"inputs": [ { "internalType": "address", "name": "asset", "type": "address" } ], "name": "getReserveEModeCategory", "outputs":
[ { "internalType": "uint256", "name": "", "type": "uint256" } ], "stateMutability": "view", "type": "function" }, { "inputs": [ {
"internalType": "address", "name": "asset", "type": "address" } ], "name": "getReserveTokensAddresses", "outputs": [ {
"internalType": "address", "name": "aTokenAddress", "type": "address" }, { "internalType": "address", "name":
"stableDebtTokenAddress", "type": "address" }, { "internalType": "address", "name": "variableDebtTokenAddress", "type":
"address" } ], "stateMutability": "view", "type": "function" }, { "inputs": [ { "internalType": "address", "name": "asset", "type":
"address" } ], "name": "getSiloedBorrowing", "outputs": [ { "internalType": "bool", "name": "", "type": "bool" } ],
"stateMutability": "view", "type": "function" }, { "inputs": [ { "internalType": "address", "name": "asset", "type": "address" },
"name": "getTotalDebt", "outputs": [ { "internalType": "uint256", "name": "", "type": "uint256" } ], "stateMutability": "view",
"type": "function" }, { "inputs": [ { "internalType": "address", "name": "asset", "type": "address" } ], "name":
"getUnbackedMintCap", "outputs": [ { "internalType": "uint256", "name": "", "type": "uint256" } ], "stateMutability": "view",
"type": "function" }, { "inputs": [ { "internalType": "address", "name": "asset", "type": "address" }, { "internalType": "address",
"name": "user", "type": "address" } ], "name": "getUserReserveData", "outputs": [ { "internalType": "uint256", "name":
"currentATokenBalance", "type": "uint256" }, { "internalType": "uint256", "name": "currentStableDebt", "type": "uint256" }, {
"internalType": "uint256", "name": "currentVariableDebt", "type": "uint256" }, { "internalType": "uint256", "name":
"principalStableDebt", "type": "uint256" }, { "internalType": "uint256", "name": "scaledVariableDebt", "type": "uint256" }, {
"internalType": "uint256", "name": "stableBorrowRate", "type": "uint256" }, { "internalType": "uint256", "name": "liquidityRate",
"type": "uint256" }, { "internalType": "uint40", "name": "stableRateLastUpdated", "type": "uint40" }, { "internalType": "bool",
"name": "usageAsCollateralEnabled", "type": "bool" } ], "stateMutability": "view", "type": "function" } ]

```

...

[Previous](#) [PoolAddressesProvider](#) [Next](#) [PriceOracleSentinel](#) Last updated 1 year ago On this page *
[PoolAddressesProviderRegistry](#) * [View Methods](#) * [getAddressesProviderList](#) * [getAddressesProviderIdByAddress](#) * [ABI](#)

Was this helpful?