// SPDX-License-Identifier: MIT pragma solidity ^0.6.2; /// @title Dividend-Paying Token Optional Interface /// @author Roger Wu (https://github.com/roger-wu) /// @dev OPTIONAL functions for a dividend-paying token contract. interface DividendPayingTokenOptionalInterface { /// @notice View the amount of dividend in wei that an address can withdraw. /// @param \_owner The address of a token holder. /// @return The amount of dividend in wei that `\_owner` can withdraw. function withdrawableDividendOf(address \_owner) external view returns(uint256); /// @notice View the amount of dividend in wei that an address has withdrawn. /// @param \_owner The address of a token holder. /// @return The amount of dividend in wei that `\_owner` has withdrawn. function withdrawnDividendOf(address \_owner) external view returns(uint256); /// @notice View the amount of dividend in wei that an address has earned in total. /// @dev accumulativeDividendOf(\_owner) = withdrawableDividendOf(\_owner) + withdrawnDividendOf(\_owner) /// @param \_owner The address of a token holder. /// @return The amount of dividend in wei that `\_owner` has earned in total. function accumulativeDividendOf(address \_owner) external view returns(uint256); }