Alchemic Silver Chain Functions constructor No parameters No parameters fallback **Add Documentation for the method here** No parameters Returns: No parameters approve See {IERC721-approve}. Туре Description Name to address tokenId uint256 No parameters balanceOf See {IERC721-balanceOf}. Description Name Туре address owner Description Name Туре uint256 burn This method can burn chain, and remove it from User chain list array. Only Managers or owner can burn chain Name Туре Description uint256 tokenId Token ID of chain address Owner of chain owner No parameters calculateRewardsToken Calculates reward of chain, it calculates reward from last claim time to present time Name Type Description uint256 tokenId Token ID of chain Returns: Туре Name Description uint256 Reward amount of chain rewards claimRewardsToken Claims reward of chain, and update last claim time of chain and total claim amount Name Туре Description tokenId uint256 Token ID of chain uint256 amount to be claim amount Returns: No parameters createChain createChain: Only Silver chain manager can call this method. Saves detail of Chain against user address and chain token Id. Description Name Туре address to Address of user string Name of chain name Returns: Description Туре Name uint256 _tokenId getApproved See {IERC721-getApproved}. Name Description Туре uint256 tokenId Returns: Name Description Туре address getChainDetails Returns specific chain's detail. Chain's name, total claimed amount, last claim time and time of creation. Name Description Туре uint256 tokenId Token id of chain Returns: Description Туре Name tuple getGoldChainManager Returns Gold chain manager contract address. No parameters Туре Description Name _goldChainManager address Gold chain manager contract address getLastClaimtime Returns last claim time of chain. Chain(token id) must exist other wise it revert error. Name Туре Description Token ID of chain uint256 _tokenId Returns: Туре Description Name uint256 _lastClaimTime getRewardPerPeriod Returns reward amount per period of Silver chain. No parameters Description Name Туре uint256 Reward per period _rewardsPerPeriod getRewardPeriod Returns reward period of Silver chain in days No parameters Name Туре Description Reward period _rewardPeriod uint256 getSettingContract Returns Setting contract address. No parameters Description Туре Name Setting contract address _settingContract address getSilverChainManager Returns Silver chain manager contract address. No parameters Туре Description Name Silver chain manager contract address _silverChainManager address getTokenBalance Returns any token balance of contract. Description Name Туре _tokenAddress address Token contract address Туре Description Name _balance uint256 Token Balance getUserChains Returns User chains count. Name Туре Description User address, owner of chains user address Туре Description Name uint256[] chains getUserDetails Returns User's chain details. Chain token ids, total claimed amount, last claim time. Туре Name Description address User address, owner of chains user Description Type Name tuple getWalletLimit Returns wallet limit of silver chain, User can create silver chains upto this limit. No parameters Name Type Description Wallet limit walletLimit uint256 initialize Initialize: Deploy Alchemic Silver Chain and sets value of rewardsPerPeriod, rewardPeriod and perWalletLimit No parameters No parameters isApprovedForAll See {IERC721-isApprovedForAll}. Name Description Туре address owner address operator Description Туре Name bool name See {IERC721Metadata-name}. No parameters Description Name Туре string owner Returns the address of the current owner. No parameters Description Name Туре address ownerOf See {IERC721-ownerOf}. Name Туре Description uint256 tokenId Туре Name Description address pause pause: This method is used to Pause contract to transfer chain No parameters No parameters paused Returns true if the contract is paused, and false otherwise. No parameters Description Туре Name bool proxiableUUID Implementation of the ERC1822 (proxiableUUID) function. This returns the storage slot used by the implementation. It is used to validate that the this implementation remains valid after an upgrade. IMPORTANT: A proxy pointing at a proxiable contract should not be considered proxiable itself, because this risks bricking a proxy that upgrades to it, by delegating to itself until out of gas. Thus it is critical that this function revert if invoked through a proxy. This is guaranteed by the `notDelegated` modifier. No parameters Туре Name Description bytes32 renounceOwnership Leaves the contract without owner. It will not be possible to call `onlyOwner` functions anymore. Can only be called by the current owner. NOTE: Renouncing ownership will leave the contract without an owner, thereby removing any functionality that is only available to the owner. No parameters No parameters safeTransferFrom See {IERC721-safeTransferFrom}. Name Туре Description from address address to tokenId uint256 Returns: No parameters safeTransferFrom See {IERC721-safeTransferFrom}. Name Туре Description address from address to uint256 tokenId bytes data No parameters setApprovalForAll See {IERC721-setApprovalForAll}. Name Туре Description operator address approved bool Returns: No parameters setGoldChainManager Sets Gold chain manager address. Only Setting contract can call this method. Type Description Name _goldChainManager Gold chain manager address address Returns: No parameters setRewardPerPeriod Sets reward amount per period of Silver chain. Only Setting contract can call this method. Туре Description Name Reward per period reward uint256 Returns: No parameters setRewardPeriod Sets reward period of Silver chain in days. Only Setting contract can call this method. Name Туре Description _rewardPeriod uint256 Wallet limit Returns: No parameters setSettingContract Sets Setting contract address.Only owner can call this method. Description Name Type Setting contract address _settingContract address Returns: No parameters setSilverChainManager Sets Silver chain manager address. Only Setting contract can call this method. Name Туре Description Silver chain manager address _silverChainManager address Returns: No parameters setWalletLimit Sets wallet limit of silver chain, User can create silver chains upto this limit. Only Setting contract can call this method. Name Туре Description uint256 Wallet limit _walletLimit Returns: No parameters supportsInterface See {IERC165-supportsInterface}. Name Туре Description interfaceId bytes4 Returns: Type Description Name bool symbol See {IERC721Metadata-symbol}. No parameters Description Туре Name string tokenURI See {IERC721Metadata-tokenURI}. Name Туре Description uint256 tokenId Returns: Туре Name Description string transferFrom See {IERC721-transferFrom}. Name Туре Description address from to address uint256 tokenId No parameters transferOwnership Transfers ownership of the contract to a new account (`newOwner`). Can only be called by the current owner. Name Туре Description newOwner address Returns: No parameters unpause unpause: This method is used to Unpause contract to transfer chain No parameters No parameters upgradeTo Upgrade the implementation of the proxy to `newImplementation`. Calls {_authorizeUpgrade}. Emits an {Upgraded} event. Name Туре Description newImplementation address Returns: No parameters upgradeToAndCall Upgrade the implementation of the proxy to `newImplementation`, and subsequently execute the function call encoded in `data`. Calls {_authorizeUpgrade}. Emits an {Upgraded} event. Name Description Туре newImplementation address bytes data No parameters withdrawCurrency Withdraw currency balance from this contrat and can send to any address. Only Owner can call this method. Туре Description Name User address address _destionation No parameters withdrawToken Withdraw any token balance from this contrat and can send to any address. Only Owner can call this method. Description Name Туре tokenAddress address Token Address _destionation address User address No parameters undefined **Add Documentation for the method here** No parameters

No parameters