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Gateway for deploying smart contract and mutation event parsing #522

Merged xpepermint merged 73 commits into 0xcert:2.0 from MoMannn:deploy-gateway on Jul 30, 2019

Conversation 198 Commits 73 Checks 0 Files changed 248

MoMannn commented on Jun 28, 2019 · edited by xpepermint ▾

Member

TODO before merge:

- spell check (@typwrtr)
- code review (@xpepermint)
- smart contract audit (@fulldecent)
- add asset ledger deploy option
- add value ledger deploy option
- update documentation
- add event parsing
- fix readme with updated package names



MoMannn added 25 commits 4 years ago

- Project init. 4c14551
- Remove default specron files. aabc697
- Add custom xcert. 9f8b3d2
- Add deployment gateway. d6df51d
- Add package to rush. 53b92c3
- Deploy gateway project init. a57ff15
- Refactor naming from order to deploy. c9e22b4
- Add deploy gateway smart contracts to sandbox. 3fd9c7d
- Add deploy gateway definitions to scaffold. 72af35b
- Remove unnecessary variables from test. d9452bf
- Expose capabilities lib in asset ledger. d6d557c

-  Add deploy gateway to rush. dd77704
-  Expose objects. 0d8c46e
-  Fix naming issue. d0463d5
-  Add deploygateway to value ledger approve functions. 1523a75
-  Add wanchain deploy gateway. 88e17aa
-  Add deploy gateway to webpack. cbd07bb
-  Add deploy gateway to vue plugin. 337e1ff
-  Fix naming. 90a170c
-  Add deployGatewayId to generic provider. d32747d
-  Add deploy gateway to value ledger. 4ce7cf6
-  Merge branch 'master' of <https://github.com/0xcert/framework> into dep... 089e9fc
-  Add deploy gateway docs. cf039c9





  **MoMann** requested review from **xpepermint**, **fulldecent** and **typwrtr** 4 years ago



  **MoMann** self-assigned this on Jun 28, 2019



-  Fixed versions. 1307c44

42 hidden items
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 **MoMann** added 4 commits 4 years ago

-  Integrate mutation events into asset ledger. 07a9fd2
-  Add function description. 4f08e7d
-  Integrate event parsing to value ledger. ef09ff2
-  Integrate event parsing to gateway. f5db359


  **MoMann** changed the title ~~Deploy gateway~~ **Gateway for deploy smart contract and mutation event parsing** on Jul 24, 2019

  **MoMann** changed the title ~~Gateway for deploy smart contract and mutation event parsing~~ **Gateway for deploying smart contract and mutation event parsing** on Jul 24, 2019

 **xpepermint** reviewed on Jul 24, 2019


[View reviewed changes](#)

```
packages/0xcert-ethereum-generic-provider/src/core/mutation.ts
```


 Show resolved

xpepermint approved these changes on Jul 24, 2019















[View reviewed changes](#)

 **xpepermint** left a comment Member

Just add this this._logs=[]




 **MoMann** added 7 commits 4 years ago

-   Clears logs before parse. 9c7434e
-   Add gateway config builder. 5797d41
-   Add generic wanchain provider and refactor wanchain http provider. ace803a
-   Add tests for exposing buildGatewayConfig. 98dccb0
-   Add test for exposing NetworkKind. 807105c
-   Add resolve functionality to mutation. 99a2566
-   Webpack rebuild. bfea93e

  **MoMann** added this to the **v2 (Aragorn)** milestone on Jul 25, 2019



 **fulldecent** suggested changes on Jul 26, 2019

[View reviewed changes](#)

 **fulldecent** left a comment · edited by MoMann Member





Review scope

I have completed a code-level review of this PR. This includes manually reading the code and comparing to advertised or assumed functionality and best practices. Any finding that was previously referenced and which is still relevant to this code is referenced again below, so this is "fresh review".

- Because  [Check for dist correctness #523](#)
- `**/*.min.js`
- Because  [Check for dist correctness #523](#)

Findings

Most findings are referenced in code (i.e. GitHub commit comments) here but everything is summarized here.

-  Address 0x000... used when a deployed contract is expected
 - Documentation states that code will be updated to point to a deployed contract but actually address 0x000... is used.
-  No policy for merging to master
 - The [project security support policy](#) states that all code in master is fully supported and eligible for bug bounty. Instead of merging to master we should maintain a separate prerelease branch from master and target this PR to there. After merge then an npm release can be made with a prerelease (alpha, beta, RC) version name. When the same code is ready to be released then master can be fast-forwarded against the prerelease branch. This entire process should be documented as an official policy. Alternatively, the policy can be lessened to only support the latest NPM non-prerelease release. Compare this to another popular project where they do all kinds of development in master, and none of the code ever works and everybody copy-pastes from it and gets hacked.
-  Did not test for correctness of dist files, this should be done automatically,  [Check for dist correctness #523](#)
- References in documentation are made to a separate deployment gateway
 - This is legacy code that no longer applies. Also, these documentation can please be updated to link to the contract interface. Example

BAD: abcde | the abcde variable points to an ERC-721 contract

GOOD: abcde | the abcde variable points to an [ERC-721 contract](#)
- Vue plugins should use TypeScript instead of JavaScript
 - Vue supports TypeScript natively and 0xcert Framework is a TypeScript project
 - `packages/0xcert-vue-example/plugins/0xcert.js`
- Documentation examples do not compile (related to deployment gateway)
 - Examples in-line in GitHub review
 - Recommend to create test scripts named `documentation-XXX` and copy paste from there to documentation to ensure they compile
- TokenCustom name/documentation does not accurately relate to content
 - "An example contract implementation" does not accurately reflect that this is the default value token deployed in the token deployment gateway.
 - Also, the contract name is similarly disconnected from its use.
- Constant literals should not be defined in code

- The Ethereum zero address 0x0000...
- Hash value e3b0c44298fc1c149afb4c8996fb92427ae41e4649b934ca495991b7852b855
- 0x8edda873a8ad561ecebeb71ceb3ae6bcb70c2b76a3fcb869859895c4d4fc7416
- 0xdd97b854c02f699ea0d8984479d0012fbbbd0f4f80fc2e099315f6c47a3da178
- 0x421b43caf093b5e58d1ea89ca0d80151eda923342cf3cddf5eb6b30d4947ba0
- 0x492318801c2cec532d47019a0b69f83b8d5b499a022b7adb6100a766050644f2
- Solidity files have disallowed whitespace
 - Solhint should be included in travis test suite
 - See NFTokenTransferProxy and more
- Solidity contracts could use tighter typing (Xcert create proxy vs. nftoken transfer proxy vs createproxy)
 - iproxy should be renamed, and a proxy should be created for the other actions
 - The keyword address should be used very rarely in the smart contracts.
 - Latter should have an interface too
 - assetCreateProxy
 - nftoken-safe-transfer-proxy can use ERC721 instead of address and recipient should be an ERC721TokenReceiver
- Some of the referenced public contracts are outdated
 - See <https://github.com/0xcert/framework/blob/bfea93e7d6ecfda43f0dfe6652681436d099fdbc/docs/api/ethereum.md>

Other notes

- After merged and released, be sure to mark the old NPM packages as deprecated since some packages were renamed
 - @0xcert/wanchain-order-gateway => @0xcert/wanchain-gateway
 - @ethereum-order-gateway => @0xcert/ethereum-gateway
 - @0xcert/ethereum-order-gateway-contracts => @0xcert/ethereum-gateway-contracts



docs/api/ethereum.md	Outdated	Show resolved
docs/api/ethereum.md	Outdated	Show resolved
docs/api/ethereum.md	Outdated	Show resolved
docs/api/ethereum.md	Outdated	Show resolved
docs/api/ethereum.md	Outdated	Show resolved

```

...thereum-generic-provider/src/tests/core/helpers/build-gateway-config-instance-method.test.ts
11 +   requiredConfirmations: 1,
12 +   gatewayConfig: buildGatewayConfig(NetworkKind.ROPSTEN),
13 + });
14 + ctx.is(provider.gatewayConfig.multiOrderId, '0x0000000000000000000000000000000000000000000000000000000000000000');

```



fulldecent on Jul 26, 2019

Member

Constant should be defined and referenced from elsewhere



Reply...

packages/0xcert-ethereum-value-ledger/src/core/ledger.ts

Show resolved

packages/0xcert-ethereum-value-ledger/src/core/ledger.ts

Show resolved

packages/0xcert-ethereum-xcert-contracts/src/tests/full-xcert.test.ts

Show resolved

packages/0xcert-wanchain-generic-provider/src/core/helpers.ts

Show resolved

MoMann added 3 commits 4 years ago

- Update documentation. db2c47c
- Typo fixes. e279968
- Change proxy address to an instance. e423a66

xpepermint reviewed on Jul 29, 2019

[View reviewed changes](#)

packages/0xcert-ethereum-gateway-contracts/src/contracts/token-deploy-gateway.sol

```

172 +   require(!deployCancelled[claim], DEPLOY_CANCELED);
173 +   require(!deployPerformed[claim], DEPLOY_ALREADY_PERFORMED);
174 +
175 +   deployPerformed[claim] = true;

```



xpepermint on Jul 29, 2019

Member

Plase explain.



- docs/api/ethereum.md Outdated Show resolved
- docs/api/ethereum.md Outdated Show resolved
- docs/api/ethereum.md Outdated Show resolved
- docs/api/ethereum.md Outdated Show resolved
- docs/api/ethereum.md Outdated Show resolved
- docs/api/ethereum.md Outdated Show resolved

MoMannn added 3 commits 4 years ago

- Spell check. 3d73391
- Typo fixes. d3879e0
- Typo fix. 61b7028

MoMannn changed the base branch from master to 2.0 4 years ago

MoMannn added 2 commits 4 years ago

- Update TokenCustom description. 8687563
- Add explanation for getContext constants. dd456e1

xpepermint merged commit d141618 into 0xcert:2.0 on Jul 30, 2019

MoMannn deleted the deploy-gateway branch 4 years ago

Reviewers

- xpepermint ✓
- fulldecent +
- typwrtr ●

Assignees

- MoMannn

Projects

None yet

Milestone

v2 (Aragorn)

Development

Successfully merging this pull request may close these issues.

None yet

5 participants

