**ENS Contract Events**

**System Interfaces Specification**

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Table of Contents

[1. System Interfaces 3](#_Toc22288883)

[1.1 SI001: Get ENS Contract info 3](#_Toc22288884)

[1.2 SI002: Get Event List 4](#_Toc22288885)

# System Interfaces

## SI001: Get ENS Contract info

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| System Interface | | | | |
| Source / Provider | | Eth | | |
| Target / Consumer | | Client app | | |
| ID | | SI001 | | |
| Name | | Get ENS Contract info | | |
| Description | | The service allows client app to get ENS contract info (provider, address, abi) | | |
| Exception Handling (Technical) | | Could not load file ENS contract info | | |
| Interface Input | | | | |
| Object / Attribute | Description | Data Type | M/O |  |
| **Header** |  | [**Request Header**](#_Request_Header) |  |  |
| **Body** | | | | |
| **Json File** | Include (networks, provider, address, abi) |  | **M** |  |
| Interface Output | | | | |
| Object / Attribute |  |  |  | |
| **Header** |  | [**Response Header**](#_Response_Header) |  | |
| **Body** | | | | |
| **ENS Contract** |  | Object |  | |
| * Contract Name |  | String |  | |
| * Networks * Address * Name * Provider |  | List |  | |
| * Abi |  | List |  | |

## SI002: Get Event List

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| System Interface | | | | |
| Source / Provider | | Smart contract/web3 | | |
| Target / Consumer | | Client app | | |
| ID | | SI002 | | |
| Name | | Get Event List | | |
| Description | | allows client app to get ENS contract | | |
| Exception Handling (Technical) | |  | | |
| Interface Input | | | | |
| Object / Attribute | Description | Data Type | M/O |  |
| **Header** |  | [**Request Header**](#_Request_Header) |  |  |
| **Body** | | | | |
| **getPastEvents (**  **'allEvents', {**  **fromBlock: 8638682,**  **toBlock: 'latest'**  **})** | **fromBlock at least 1,2 days** |  | **M** |  |
| Interface Output | | | | |
| Object / Attribute |  |  |  | |
| **Header** |  | [**Response Header**](#_Response_Header) |  | |
| **Body** | | | | |
| **ENS Contract Event** |  | List |  | |
| * name |  | String |  | |
| * label |  | String |  | |
| * owner |  | String |  | |
| * expires |  | String |  | |
| * cost |  | String |  | |