Node: Certificate

Bei erfolgreicher Validierung wird das angeforderte Zertifikat/Beleg aus der GHG Wallet ausgegeben.



Als Eingabe wird der Hash eines Zertifikates im `msg.payload` übergeben. Ist das Zertifikat in der GHG Wallet gespeichert und valide, so wird es auf der Ausgabe im `msg.payload` bereitgestellt.

Beispiel Flow

Download: simple_certificate.flow.json.json



Hinweis: Zur Verwendung des Beispiels muss im Inject-Node "Certificate Hash" der Wert eines in der GHG Wallet gespeicherten Zertifikates angegeben werden. Eine Liste aller in der GHG Wallet gespeicherten Zertifikate kann mit dem Certificates Node abgerufen werden.

Ausgabe (Beleg)


```
{
   "hash":{

"signature":"0x558a9d229825153511c20d4242b6772c186219c2fa6787fa684dc851bf48879751a30881c8f
bf554bdfcf08c30acf4d034e92a6bbd27debb45371d76dee7be3d1c",
      "payload":"0xae809bc0a0695356ec850baf96eada931b21d717fa593baa683180f36d0e4a98"
   },
   "owner":{

"signature":"0x57309a13023882d510eaae2537433f7272dacbbef8c149f86b3365946bc55a6412ddc4c2b13
823badd073548d16ff51a55a87cc2060e2c644242c7d87997fa951b",
```

```
      "payload":{
         "owner":"0x48a2F735c6BC140C15109f5a8AFF8010715D9ddb",
         "issuer":"0xE7Fe0626D7B8e3F2e5ECD146F9b11daac1DBE447",
         "hash":"0xae809bc0a0695356ec850baf96eada931b21d717fa593baa683180f36d0e4a98"
      }
   },
   "context":{

"signature":"0xafdb01935aae5a2da5af49db2f723c1649dc8ce92913cc8521a5b587df9e8ba24a9cdd3f545
14b1868b15580d0ed21d9530cca623c532c874d4addfdd5934be51c",
      "payload":""
   },
   "did":{

"signature":"0x980692bbbe76d52be558ef4fa2b5c9ad75e04e05a5256a051e2b9e65c97889143ef3066afa9
08e65da0e1acac62cbf38b7308ff8a3bcc8740d23193776b2864f1c",
      "payload":{

"url":"did:ethr:6226:0x3bFCf4Fe3b7D2E2fd079b5Dd546Aa30300D8fBE1:0x6a2385Bae7fbc38FF23d475B
9D3eB93EEFB7A843",
         "registry":"0x3bFCf4Fe3b7D2E2fd079b5Dd546Aa30300D8fBE1",
         "uid":"0x6a2385Bae7fbc38FF23d475B9D3eB93EEFB7A843",
         "schema":"did",
         "method":"ethr:6226",
         "ghgtoken":{
            "address":"0x36AbF05ac533D9Bb2024A2fb00c9e3F52e4F6a50",
            "certificates":"0x65297AFaf11eeAd5258A46e969c2341708e9CC59",
            "savings":"0xc475EcB54601C676Ad008A7857A385a52c445244",
            "emissions":"0xd37B668Ad0417EcD22472ca555a431e84afB40BB"
         },
         "nft":{

"signature":"0x75d2def771a6c4c519eaab524a32075bca21add4ded8fc79319994d0fad8cff35e9345e131b
92d06da395aa8031d8698f655c9b2919f26da9a4bb75e5f2d119f1b",
            "payload":{
               "address":"0x65297AFaf11eeAd5258A46e969c2341708e9CC59",
               "tx":{
                  "nonce":2223,
                  "gasPrice":{
```

```
                    "type":"BigNumber",
                    "hex":"0x03e8"
                 },
                 "gasLimit":{
                    "type":"BigNumber",
                    "hex":"0x02a50e"
                 },
                 "to":"0x36AbF05ac533D9Bb2024A2fb00c9e3F52e4F6a50",
                 "value":{
                    "type":"BigNumber",
                    "hex":"0x00"
                 },

"data":"0xa578e29c0000000000000000000000048a2f735c6bc140c15109f5a8aff8010715d9ddb00000000
0000000000000006a2385bae7fbc38ff23d475b9d3eb93eefb7a84300000000000000000000000000000000000
0000000000000000000000000a0000000000000000000000000000000000000000000000000000000000000000
0000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
0000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
0000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
0000000000000000000000000000000000000000000055307833624643663446653362374432453266643037396235
4464353436416133303330304438664245313a3078366132333835426165376662633338464632336434373542
3944336542393345454642374138343300000000000000000000",
                 "chainId":6226,
                 "v":12488,

"r":"0x3465a9e7b22f65b8b3c164b36de14cbd7e9f18bf64bbb106f08db746ff15645e",

"s":"0x0be3996026a9f5c5529deb303d27ad8345c592157fa75c597a3567fd25ef96aa",
                 "from":"0xE7Fe0626D7B8e3F2e5ECD146F9b11daac1DBE447",

"hash":"0x14cd7b1c5aef88efe46d600b2bc1ddee10efb1ef0775937f40077ee0a471566d",
                 "type":null,
                 "confirmations":0
              },
              "receipt":{
                 "to":"0x36AbF05ac533D9Bb2024A2fb00c9e3F52e4F6a50",
                 "from":"0xE7Fe0626D7B8e3F2e5ECD146F9b11daac1DBE447",
                 "contractAddress":null,
                 "transactionIndex":0,
                 "gasUsed":{
                    "type":"BigNumber",
```

```
                    "hex":"0x0291a8"
                },

"logsBloom":"0x00000000000080000000000000000000000000000000000000000000000000000000000000000000
00000000000000000010000002000000040000000010004000000000000000000000000000000800000000000000
00000000000000020000000080002400000300000000000000000800000000010000000000001000000000
00000000000000000000000000000000000000001000000000000000000000000000000000000000000000000000
00000000000000000000000000000000000000000800002000000000000000000000000000000000000000040000
00000000020000000000000002000000000000008000001000000000000000000000000000",

"blockHash":"0xfa739b792fddacf6eb84a1fef7bc3f51890539beddaa0c467909694e7485d5c5",

"transactionHash":"0x14cd7b1c5aef88efe46d600b2bc1ddee10efb1ef0775937f40077ee0a471566d",
                "logs":[
                    {
                        "transactionIndex":0,
                        "blockNumber":649121,

"transactionHash":"0x14cd7b1c5aef88efe46d600b2bc1ddee10efb1ef0775937f40077ee0a471566d",
                        "address":"0x65297AFaf11eeAd5258A46e969c2341708e9CC59",
                        "topics":[

"0xddf252ad1be2c89b69c2b068fc378daa952ba7f163c4a11628f55a4df523b3ef",

"0x0000000000000000000000000000000000000000000000000000000000000000",

"0x000000000000000000000048a2f735c6bc140c15109f5a8aff8010715d9ddb",

"0x000000000000000000000000000000000000000000000000000000000000046f"
                        ],
                        "data":"0x",
                        "logIndex":0,

"blockHash":"0xfa739b792fddacf6eb84a1fef7bc3f51890539beddaa0c467909694e7485d5c5"
                    },
                    {
                        "transactionIndex":0,
                        "blockNumber":649121,
```

```
"transactionHash":"0x14cd7b1c5aef88efe46d600b2bc1ddee10efb1ef0775937f40077ee0a471566d",
                        "address":"0xc475EcB54601C676Ad008A7857A385a52c445244",
                        "topics":[

"0xddf252ad1be2c89b69c2b068fc378daa952ba7f163c4a11628f55a4df523b3ef",

"0x0000000000000000000000000000000000000000000000000000000000000000",

"0x000000000000000000000000a2385bae7fbc38ff23d475b9d3eb93eefb7a843"
                        ],

"data":"0x0000000000000000000000000000000000000000000000000000000000000000",
                        "logIndex":1,

"blockHash":"0xfa739b792fddacf6eb84a1fef7bc3f51890539beddaa0c467909694e7485d5c5"
                    },
                    {
                        "transactionIndex":0,
                        "blockNumber":649121,

"transactionHash":"0x14cd7b1c5aef88efe46d600b2bc1ddee10efb1ef0775937f40077ee0a471566d",
                        "address":"0xd37B668Ad0417EcD22472ca555a431e84afB40BB",
                        "topics":[

"0xddf252ad1be2c89b69c2b068fc378daa952ba7f163c4a11628f55a4df523b3ef",

"0x0000000000000000000000000000000000000000000000000000000000000000",

"0x000000000000000000000000a2385bae7fbc38ff23d475b9d3eb93eefb7a843"
                        ],

"data":"0x0000000000000000000000000000000000000000000000000000000000000000",
                        "logIndex":2,

"blockHash":"0xfa739b792fddacf6eb84a1fef7bc3f51890539beddaa0c467909694e7485d5c5"
                    }
                ],
                "blockNumber":649121,
                "confirmations":1,
```

```
                  "cumulativeGasUsed":{
                     "type":"BigNumber",
                     "hex":"0x0291a8"
                  },
                  "effectiveGasPrice":{
                     "type":"BigNumber",
                     "hex":"0x03e8"
                  },
                  "status":1,
                  "type":0,
                  "byzantium":true
               },

"tokenId":"0x000000000000000000000000000000000000000000000000000000000000046f"
            }
         },
         "hash":"0xae809bc0a0695356ec850baf96eada931b21d717fa593baa683180f36d0e4a98"
      }
   },
   "metering":{

"signature":"0x976ccbce77896d6c16687c9304b27ac04cf4e2fc6cbef500ca5f90f1601100a6498502fbe4b
c442136f32abe5e77934cc7d15538bbf13105f07669483b0cd8d31c",
      "payload":{
         "owner":"0x48a2F735c6BC140C15109f5a8AFF8010715D9ddb",
         "counter":1673222561407,
         "time":1673222562089,

"signature":"0x01e9b9cfe0125a988e72021d761cd81fbc390c086eba2af23dc36d63f33b6dc47f7fcd52ba0
4e3e1c744f8a86f064047635476291f123a9801b078e7d84d5ae01c",
         "hash":"0xae809bc0a0695356ec850baf96eada931b21d717fa593baa683180f36d0e4a98"
      }
   },
   "presentations":{
      "type":{

"signature":"0xa6c27697b4f526292c5728d12f28d3f41d4dd278a1e134193332b5b1f25a133b42c94d06911
a81a250df0c3c11a5ed0454f6a9ede14807eb967b563ea2c1e94f1b",
         "payload":"electricity consumption from public grid",
```

```
         "$schema":"https://schema.corrently.io/tydids/type"
      },
      "context":{

"signature":"0xafdb01935aae5a2da5af49db2f723c1649dc8ce92913cc8521a5b587df9e8ba24a9cdd3f545
14b1868b15580d0ed21d9530cca623c532c874d4addfdd5934be51c",
         "payload":"",
         "$schema":"https://schema.corrently.io/tydids/context"
      },
      "location":{

"signature":"0x0677e382a3e8b3845631506c6058beb706336ad3c142619852d5aed26a1570e6725b7ec61a4
784c684aad74a6d3efbb5578f7127663d07bf8fc797f30a951b551b",
         "payload":{
            "zip":"00000",
            "city":"Landesweit (national)",
            "country":"Germany",
            "meloid":"DETESTSD13371337133713371337133713371337",
            "hash":"0xae809bc0a0695356ec850baf96eada931b21d717fa593baa683180f36d0e4a98"
         },
         "$schema":"https://schema.corrently.io/tydids/location"
      },
      "metering":{

"signature":"0x10adf436e9c88dc910ad9a0631e616f47876e52fa656f3bf228856eedf6b768b5ad99d0560b
7e301e0f32836e5e729ae3705ad7bfbe7e9185dc56a583bb760c91c",
         "payload":{
            "owner":"0x48a2F735c6BC140C15109f5a8AFF8010715D9ddb",
            "counter":1673222561407,
            "time":1673222562089,

"signature":"0x01e9b9cfe0125a988e72021d761cd81fbc390c086eba2af23dc36d63f33b6dc47f7fcd52ba0
4e3e1c744f8a86f064047635476291f123a9801b078e7d84d5ae01c",
            "hash":"0xae809bc0a0695356ec850baf96eada931b21d717fa593baa683180f36d0e4a98"
         },
         "$schema":"https://schema.corrently.io/tydids/metering"
      },
      "consumption":{
```

```
"signature":"0x933bff8976818b95d25607729831b994e3dc477cfa7fe58c923fbc20454058ed2d260bcdd66
b0a0f895c2bf231b2eedb3063e8f856278ac1737af484bdaea4cf1b",
         "payload":{
            "unit":"wh",
            "actual":0,
            "time":1673222562089,
            "hash":"0xae809bc0a0695356ec850baf96eada931b21d717fa593baa683180f36d0e4a98"
         },
         "$schema":"https://schema.currently.io/tydids/consumption"
      },
      "ghg":{

"signature":"0xb7bde2b1141b923a877a9372b5722562521ed418590a266021264955e9999d9d724cbc14eea
2e6f3f9367c95776c42c89cd240579e2b07aad04095845c2dc3aa1b",
         "payload":{
            "factors":{
               "unit":"g co2eq per wh",
               "actual":{
                  "grid":0.201,
                  "eco":0.201
               },
               "base":{
                  "grid":0.436
               }
            },
            "base":{
               "unit":"g co2eq",
               "grid":0
            },
            "actual":{
               "unit":"g co2eq",
               "grid":0,
               "eco":0
            },
            "saving":{
               "unit":"g co2eq",
               "grid":0
            },
            "scope":2,
```

```
            "hash":"0xae809bc0a0695356ec850baf96eada931b21d717fa593baa683180f36d0e4a98"
         },
         "$schema":"https://schema.currently.io/tydids/ghg"
      },
      "did":{

"signature":"0x2970bd4d7109bebfa006951bef2fca5dcc5380ce0b18f22d7a250b3a6e06c2b66622aeea8c9a463e864259a7e262baa71d34a218450e0af143a5e8ccebb7559b1c",
         "payload":{

"url":"did:ethr:6226:0x3bFCf4Fe3b7D2E2fd079b5Dd546Aa30300D8fBE1:0x6a2385Bae7fbc38FF23d475B9D3eB93EEFB7A843",
            "registry":"0x3bFCf4Fe3b7D2E2fd079b5Dd546Aa30300D8fBE1",
            "uid":"0x6a2385Bae7fbc38FF23d475B9D3eB93EEFB7A843",
            "schema":"did",
            "method":"ethr:6226",
            "ghgtoken":{
               "address":"0x36AbF05ac533D9Bb2024A2fb00c9e3F52e4F6a50",
               "certificates":"0x65297AFaf11eeAd5258A46e969c2341708e9CC59",
               "savings":"0xc475EcB54601C676Ad008A7857A385a52c445244",
               "emissions":"0xd37B668Ad0417EcD22472ca555a431e84afB40BB"
            },
            "nft":{

"signature":"0x75d2def771a6c4c519eaab524a32075bca21add4ded8fc79319994d0fad8cff35e9345e131b92d06da395aa8031d8698f655c9b2919f26da9a4bb75e5f2d119f1b",
               "payload":{
                  "address":"0x65297AFaf11eeAd5258A46e969c2341708e9CC59",
                  "tx":{
                     "nonce":2223,
                     "gasPrice":{
                        "type":"BigNumber",
                        "hex":"0x03e8"
                     },
                     "gasLimit":{
                        "type":"BigNumber",
                        "hex":"0x02a50e"
                     },
                     "to":"0x36AbF05ac533D9Bb2024A2fb00c9e3F52e4F6a50",
```

```
                    "value":{
                       "type":"BigNumber",
                       "hex":"0x00"
                    },

"data":"0xa578e29c0000000000000000000000048a2f735c6bc140c15109f5a8aff8010715d9ddb00000000
0000000000000006a2385bae7fbc38ff23d475b9d3eb93eefb7a84300000000000000000000000000000000000
0000000000000000000000000000a0000000000000000000000000000000000000000000000000000000000000
0000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
0000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
0000000000000000000000000000000055307833624643663446653362374432453266643037396235
4464353436416133303330304438664245313a307836613233383542616537666263333846463233643437354 2
39443365423933454546423741383433000000000000000000000000",
                    "chainId":6226,
                    "v":12488,

"r":"0x3465a9e7b22f65b8b3c164b36de14cbd7e9f18bf64bbb106f08db746ff15645e",

"s":"0x0be3996026a9f5c5529deb303d27ad8345c592157fa75c597a3567fd25ef96aa",
                    "from":"0xE7Fe0626D7B8e3F2e5ECD146F9b11daac1DBE447",

"hash":"0x14cd7b1c5aef88efe46d600b2bc1ddee10efb1ef0775937f40077ee0a471566d",
                    "type":null,
                    "confirmations":0
                 },
                 "receipt":{
                    "to":"0x36AbF05ac533D9Bb2024A2fb00c9e3F52e4F6a50",
                    "from":"0xE7Fe0626D7B8e3F2e5ECD146F9b11daac1DBE447",
                    "contractAddress":null,
                    "transactionIndex":0,
                    "gasUsed":{
                       "type":"BigNumber",
                       "hex":"0x0291a8"
                    },

"logsBloom":"0x0000000000008000000000000000000000000000000000000000000000000000000000000000
0000000000000000001000000200000004000000001000400000000000000000000000000000800000000000000
0000000000000002000000000800024000003000000000000000000080000000000100000000000010000000000
0000000000000000000000000000000000000000100000000000000000000000000000000000000000000000000
0000000000000000000000000000000000000000800002000000000000000000000000000000000000000400
```

```
0000000002000000000000000200000000000000800000100000000000000000000000000000",

"blockHash":"0xfa739b792fddacf6eb84a1fef7bc3f51890539beddaa0c467909694e7485d5c5",

"transactionHash":"0x14cd7b1c5aef88efe46d600b2bc1ddee10efb1ef0775937f40077ee0a471566d",
                    "logs":[
                       {
                          "transactionIndex":0,
                          "blockNumber":649121,

"transactionHash":"0x14cd7b1c5aef88efe46d600b2bc1ddee10efb1ef0775937f40077ee0a471566d",
                          "address":"0x65297AFaf11eeAd5258A46e969c2341708e9CC59",
                          "topics":[

"0xddf252ad1be2c89b69c2b068fc378daa952ba7f163c4a11628f55a4df523b3ef",

"0x0000000000000000000000000000000000000000000000000000000000000000",

"0x000000000000000000000048a2f735c6bc140c15109f5a8aff8010715d9ddb",

"0x000000000000000000000000000000000000000000000000000000000000046f"
                          ],
                          "data":"0x",
                          "logIndex":0,

"blockHash":"0xfa739b792fddacf6eb84a1fef7bc3f51890539beddaa0c467909694e7485d5c5"
                       },
                       {
                          "transactionIndex":0,
                          "blockNumber":649121,

"transactionHash":"0x14cd7b1c5aef88efe46d600b2bc1ddee10efb1ef0775937f40077ee0a471566d",
                          "address":"0xc475EcB54601C676Ad008A7857A385a52c445244",
                          "topics":[

"0xddf252ad1be2c89b69c2b068fc378daa952ba7f163c4a11628f55a4df523b3ef",

"0x0000000000000000000000000000000000000000000000000000000000000000",
```

```
"0x0000000000000000000000006a2385bae7fbc38ff23d475b9d3eb93eefb7a843"
                            ],

"data":"0x0000000000000000000000000000000000000000000000000000000000000000",
                            "logIndex":1,

"blockHash":"0xfa739b792fddacf6eb84a1fef7bc3f51890539beddaa0c467909694e7485d5c5"
                        },
                        {
                            "transactionIndex":0,
                            "blockNumber":649121,

"transactionHash":"0x14cd7b1c5aef88efe46d600b2bc1ddee10efb1ef0775937f40077ee0a471566d",
                            "address":"0xd37B668Ad0417EcD22472ca555a431e84afB40BB",
                            "topics":[

"0xddf252ad1be2c89b69c2b068fc378daa952ba7f163c4a11628f55a4df523b3ef",

"0x0000000000000000000000000000000000000000000000000000000000000000",

"0x0000000000000000000000006a2385bae7fbc38ff23d475b9d3eb93eefb7a843"
                            ],

"data":"0x0000000000000000000000000000000000000000000000000000000000000000",
                            "logIndex":2,

"blockHash":"0xfa739b792fddacf6eb84a1fef7bc3f51890539beddaa0c467909694e7485d5c5"
                        }
                    ],
                    "blockNumber":649121,
                    "confirmations":1,
                    "cumulativeGasUsed":{
                        "type":"BigNumber",
                        "hex":"0x0291a8"
                    },
                    "effectiveGasPrice":{
                        "type":"BigNumber",
                        "hex":"0x03e8"
                    },
```

```
                    "status": 1,
                    "type": 0,
                    "byzantium": true
                },

"tokenId":"0x000000000000000000000000000000000000000000000000000000000000046f"
            }
         },
         "hash":"0xae809bc0a0695356ec850baf96eada931b21d717fa593baa683180f36d0e4a98"
      },
      "$schema":"https://schema.corrently.io/tydids/did"
   },
   "_all":{

"signature":"0xa114055435fc8343fbb348a328f017adb5f8b264b4621d2acf19cb69e8072e79070e1da61ea
2d686b5d08c78326425eda035780a457cf3ca195a7277143acabd1c",
      "payload":{
         "type":"electricity consumption from public grid",
         "context":"",
         "location":{
            "zip":"00000",
            "city":"Landesweit (national)",
            "country":"Germany",
            "meloid":"DETESTSD13371337133713371337133713371337",
            "hash":"0xae809bc0a0695356ec850baf96eada931b21d717fa593baa683180f36d0e4a98"
         },
         "metering":{
            "owner":"0x48a2F735c6BC140C15109f5a8AFF8010715D9ddb",
            "counter":1673222561407,
            "time":1673222562089,

"signature":"0x01e9b9cfe0125a988e72021d761cd81fbc390c086eba2af23dc36d63f33b6dc47f7fcd52ba0
4e3e1c744f8a86f064047635476291f123a9801b078e7d84d5ae01c",
            "hash":"0xae809bc0a0695356ec850baf96eada931b21d717fa593baa683180f36d0e4a98"
         },
         "consumption":{
            "unit":"wh",
            "actual":0,
            "time":1673222562089,
```

```
            "hash":"0xae809bc0a0695356ec850baf96eada931b21d717fa593baa683180f36d0e4a98"
         },
         "ghg":{
            "factors":{
               "unit":"g co2eq per wh",
               "actual":{
                  "grid":0.201,
                  "eco":0.201
               },
               "base":{
                  "grid":0.436
               }
            },
            "base":{
               "unit":"g co2eq",
               "grid":0
            },
            "actual":{
               "unit":"g co2eq",
               "grid":0,
               "eco":0
            },
            "saving":{
               "unit":"g co2eq",
               "grid":0
            },
            "scope":2,
            "hash":"0xae809bc0a0695356ec850baf96eada931b21d717fa593baa683180f36d0e4a98"
         },
         "_iat":1673222562146,
         "_iss":"0xE7Fe0626D7B8e3F2e5ECD146F9b11daac1DBE447",
         "_jti":"0x6a2385Bae7fbc38FF23d475B9D3eB93EEFB7A843",
         "did":{

"url":"did:ethr:6226:0x3bFCf4Fe3b7D2E2fd079b5Dd546Aa30300D8fBE1:0x6a2385Bae7fbc38FF23d475B9D3eB93EEFB7A843",
            "registry":"0x3bFCf4Fe3b7D2E2fd079b5Dd546Aa30300D8fBE1",
            "uid":"0x6a2385Bae7fbc38FF23d475B9D3eB93EEFB7A843",
            "schema":"did",
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                "method":"ethr:6226",
                "ghgtoken":{
                   "address":"0x36AbF05ac533D9Bb2024A2fb00c9e3F52e4F6a50",
                   "certificates":"0x65297AFaf11eeAd5258A46e969c2341708e9CC59",
                   "savings":"0xc475EcB54601C676Ad008A7857A385a52c445244",
                   "emissions":"0xd37B668Ad0417EcD22472ca555a431e84afB40BB"
                },
                "nft":{

"signature":"0x75d2def771a6c4c519eaab524a32075bca21add4ded8fc79319994d0fad8cff35e9345e131b
92d06da395aa8031d8698f655c9b2919f26da9a4bb75e5f2d119f1b",
                   "payload":{
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                      "tx":{
                         "nonce":2223,
                         "gasPrice":{
                            "type":"BigNumber",
                            "hex":"0x03e8"
                         },
                         "gasLimit":{
                            "type":"BigNumber",
                            "hex":"0x02a50e"
                         },
                         "to":"0x36AbF05ac533D9Bb2024A2fb00c9e3F52e4F6a50",
                         "value":{
                            "type":"BigNumber",
                            "hex":"0x00"
                         },

"data":"0xa578e29c0000000000000000000000048a2f735c6bc140c15109f5a8aff8010715d9ddb00000000
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0000000000000000000000000a0000000000000000000000000000000000000000000000000000000000000000
0000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
0000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
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3944336542393345454642374138343300000000000000000000",
                         "chainId":6226,
                         "v":12488,
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"r":"0x3465a9e7b22f65b8b3c164b36de14cbd7e9f18bf64bbb106f08db746ff15645e",

"s":"0x0be3996026a9f5c5529deb303d27ad8345c592157fa75c597a3567fd25ef96aa",
                        "from":"0xE7Fe0626D7B8e3F2e5ECD146F9b11daac1DBE447",

"hash":"0x14cd7b1c5aef88efe46d600b2bc1ddee10efb1ef0775937f40077ee0a471566d",
                        "type":null,
                        "confirmations":0
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                     "receipt":{
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                        "from":"0xE7Fe0626D7B8e3F2e5ECD146F9b11daac1DBE447",
                        "contractAddress":null,
                        "transactionIndex":0,
                        "gasUsed":{
                           "type":"BigNumber",
                           "hex":"0x0291a8"
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"logsBloom":"0x00000000000080000000000
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"0x0000000000000000000000000000000000000000000000000000000000000000",

"0x00000000000000000000000048a2f735c6bc140c15109f5a8aff8010715d9ddb",

"0x000000000000000000000000000000000000000000000000000000000000046f"
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                           },
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                              "blockNumber":649121,

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                              "topics":[

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"0x0000000000000000000000000000000000000000000000000000000000000000",

"0x00000000000000000000006a2385bae7fbc38ff23d475b9d3eb93eefb7a843"
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"data":"0x0000000000000000000000000000000000000000000000000000000000000000",
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                              "topics":[
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"0x0000000000000000000000000000000000000000000000000000000000000000",

"0x0000000000000000000000006a2385bae7fbc38ff23d475b9d3eb93eefb7a843"
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"data":"0x0000000000000000000000000000000000000000000000000000000000000000",
                              "logIndex":2,

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                        "blockNumber":649121,
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                           "hex":"0x0291a8"
                        },
                        "effectiveGasPrice":{
                           "type":"BigNumber",
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                        },
                        "status":1,
                        "type":0,
                        "byzantium":true
                     },

"tokenId":"0x000000000000000000000000000000000000000000000000000000000000046f"
                  }
               },
               "hash":"0xae809bc0a0695356ec850baf96eada931b21d717fa593baa683180f36d0e4a98"
            }
         },
         "$schema":"https://schema.corrently.io/tydids/_all"
      }
   }
}
```

Quellcode der Implementierung

Revision #4
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