

# **Information Naturalization Agreement**

## **Version 1.0 Oct 20. 2014.**

### **1, What is INA?**

Information naturalization agreement, or INA, is a public agreement voluntarily to join and comply for any information producers, information processors, information storers and information consumers.

Explain: For example, if information service provider Facebook Inc. decides to declare itself as an INA participant, it has to agree and obey all the rules defined by this agreement.

### **2, Content of INA.**

INA requires participants treat their information privacy protection mathematically, rather than ethically. Namely, INA requires participants to place its functioning system upon an architecture that is mathematically impossible (or efficiently impossible) for tracking or surveillance.

Explain: For example, let's say AmericanExpress is a transaction service provider and it decides to join INA as a participant. AmericanExpress stores all transaction log and user ID in its central servers, and it also has announcement below: "We treat our customer privacy and data security as top priority. No content or data will be

disclosed to any third party, including government authorities, with only exception of court order or warrant ”.

This will not be accepted. Instead, INA requires AmericanExpress to, as one example way to achieve that, mimicking bitcoin, not collecting user identification, and instead identifying users based on using dynamic public key - private key pair. As of speaking on today's technology, this approach has no possibility for anyone to track user identification once the transaction is completed.

### 3, Philosophy of INA.

INA believes that, information should be naturalized as solely physics being. Once created, it should not be used for any other purposes other than its creator's will, no matter the piece of information was used in favor of it or against it.

Explain: For example, during a chatting, P1 sends a message to P2. On physics, this message's only purposes is to deliver bits to P2, or “entropy reduction”. By nature it doesn't have the function of storage, counting, mining, data warehousing or decision assisting etc. In fact, a good INA chatting system should design its database table in a way extremely difficult to index, to scan, to export, or to join with other data table... in summary, to make the system absolutely useless other than supporting chatting. Note that this is much different than another system which encrypts data during its storage.

As author of INA I believe it is the future trend that information should be intentionally stored 'non-searchable' or 'non-indexable'. The database table should be intentionally designed 'non-joinable', at least in most cases. Just like back when electricity was introduced to people centuries ago, people treated it as a rare resource. However today electricity is treated as a basic component of natural world, with people living inside and not noticing it. Informatics should be restoring to its original purpose of delivering bits.

#### 4, Use of INA.

INA is a copyleft, loyalty-free, public intellectual property. INA comes with no warranty or any liability for usage. Any organization or individual can claim the participation of INA and there is no authority to certify that. I created this concept-proofing intellectual property for fun. Which means anyone can redistribute it and modify it without notifying me but have to publicize and recognize it as copyleft property.

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