

contracts

- **non—automatic contracts**

- executed without any automatisisation.

- **manually signed contracts**

- signed manually offline (eg. on letter size paper).

- **online signed contracts**

- signed online with electronic non-digital signatures (eg. email and press accept key to sign.)

- **natural language contracts**

- There is a text written in natural language, manually signed and then used by a programmer for producing the executable code that implements one of more clauses.
- There is no cryptographic connection between the text and the code.

- **contracts written solely in executable code**

- There is no signed contract (neither manually, online, or digitally) underpinning the executable code written by the programmer.

- **contracts written in code and natural language**

- The executable code is written by a programmer from a contract written in natural language and manually signed.
- The signed document is scanned and cryptographically associated to the executable code.

- **hibrid contracts**

- They are also called Ricardian contracts.
- They are composed of two components that are cryptographically related: executable code and human readable text augmented with tags to make it readable to computer programs.
- The two components are place in a single document which is then signed with pub-priv key based digital signatures.

- **multimedia contracts**

- They include several components in any multimedia format (plain text, executable code, tagged text, photos, video, audio, etc.).
- All the components are online and organised in a graph to ease navigation, execution and consultation, e.g., a given contract has links to related contracts and machine readable legislations.

- **automatic contracts**

- executed partially or entirely automatically by means of executable code.
- signed online with digital (pub-priv based) signatures.
- called digital contracts.