Theoretical.
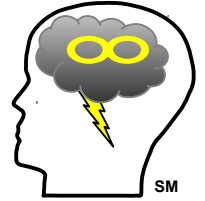
The two categories of intelligent life forms
A Communication of the Intractable Studies Institute
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The two categories of intelligent life forms.

1. **Individual**.
2. **Group**.

Intelligent individual life form properties.
1. It has measurable intelligence.
2. It _can't_ split into 2 or more measurably intelligent life forms.
3. It can _aggregate_ into a group life form with measurable intelligence.
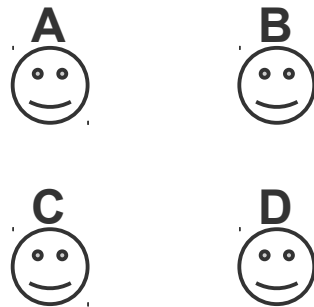
Intelligent group life form properties.
1. It has measurable intelligence.
2. It is a _composition_ of 2 or more measurably intelligent life forms.
3. It _can_ split into 2 or more measurably intelligent life forms.
4. For N life forms there are MAX 2^^N – 1 possible life forms.

Examples of intelligent group life forms.

1. Best friends
2. A team
3. City
4. State
5. Province
6. Political party
7. Corporation
8. Sports team
9. Organization
10. Nation/Country
11. United Nations
12. Earth/Gaia

Note: A measure of intelligence is not provided here.

Example: Given 4 individual life forms:

A   B

C   D

There are 4 individual and 11 potential group life forms by members. There are an unlimited number of possible groups by activity because any grouping can have multiple and unlimited activities.

Possible Groups bitmap
N=4 : 2^^4 – 1 = 15 max life forms.

ABCD		ABCD	
0000		1000	**I**
0001	**I**	1001	**G5**
0010	**I**	1010	**G6**
0011	**G1**	1011	**G7**
0100	**I**	1100	**G8**
0101	**G2**	1101	**G9**
0110	**G3**	1110	**G10**
0111	**G4**	1111	**G11**