

PRACTICAL SYLLOGISM: ANALYSIS OF

The standard form of a so-called practical syllogism is:

If A is the case, then B is the case.

Now, A is ~~desirable~~ ^{valuable}.

Hence, do B.

This reasoning can be rendered more explicit in the following way:

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| 1. | If A, then B. (hypothesis) | $A \Rightarrow B$ |
| 2. | Now, A is desirable (or valuable) ^{valuable} . (hypothesis) | $V(A) > 0$ |
| 3. | Hence B is valuable. | $\therefore V(B) > 0$ |
| 4. | If B is valuable, then do B (principle). | $V(B) > 0 \Rightarrow !B$ |
| 5. | B is valuable (by 3). | $V(B) > 0$ |
| 6. | Hence do ^{do} B (by 4 ^{and} and modus ponens) | $! B$ |

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