

# Argumentation for Practical Reasoning

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**Abstract.** We first present a short introduction illustrating how argumentation could be viewed as an universal mechanism humans use in their practical reasoning where by practical reasoning we mean both commonsense reasoning and reasoning by experts as well as their integration. We then present logic-based argumentation employing implicit or explicit assumptions. Logic alone is not enough for practical reasoning as it can not deal with quantitative uncertainties. We explain how probabilities could be integrated with argumentation to provide an integrated framework for jury-based (or collective multiagent) dispute resolution.

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