

PLEDGE AGREEMENT

DATE: Please return to:
DONOR: Marcus Hutter
ADDRESS: Daley Rd Bld.115 RSIZE/ANU
PHONE: Canberra ACT 0200, Australia
PLEDGE:
RESTRICTIONS: (e.g. maximal amount per year)

PURPOSE: The pledged contribution shall be used for the Human Knowledge Compression Prize, or short H-Prize, hosted at http://prize.hutter1.net.

MOTIVATION: The H-Prize intends to give incentives for advancing the field of Artificial Intelligence through the compression of human knowledge. A representative part of Wikipedia, an extensive encyclopedia of human knowledge, has been chosen for this purpose. The better one can compress it, the better one can predict; and being able to predict well is key for being able to act intelligently.

THE TASK: The contest is about compressing a snapshot of Wikipedia (currently the 100MB file enwik8), as well as possible. The author of a compressor that compresses X% better than the current record, wins X% of the (virtual) prize fund Z.

THE PRIZE FUND: Initially, the fund contains 50'000 Euro donated by Marcus Hutter. The fund is currently virtual, since the money is directly transferred from the donor to the winners.

DONORS: Large pledges of more than 10'000 Euro will increase the fund Z by the donated amount. In case the donor provides restrictions, the increase may be lower. Small pledges may not increase the fund Z, but may only be used to pay out winners.

EXPECTATIONS: Prior experience with smaller such competitions leads us to expect a 3% improvement per year, that is, to pay out only 3% of the prize fund Z per year, but larger pay outs cannot be excluded.

AGREEMENT: Whenever the H-Prize committee announces a winner, one or more donors will be selected. In case of selection, the Donor agrees to transfer the money to the winner in a mutually agreed upon way. The donor will be appreciated by placing his name besides the winner in the table of records, unless he wants to remain anonymous. A donor may have to pay more than one winner, up to the pledged amount.

H-PRIZE COMMITTEE:

Jim Bowery: verification of claims, public relations, finding sponsors.
Matt Mahoney: running the compression competition.
Marcus Hutter: chair, arbiter, primary sponsor, manager of prize fund.

LEGAL BINDING: This pledge is a legal obligation of the Donor, and may only be withdrawn on mutual agreement or in case the spirit of the H-Prize changes. In witness whereof, Donor has signed this pledge on the date set forth above.

DONOR \_\_\_\_\_ WITNESS \_\_\_\_\_
Signature \_\_\_\_\_ Signature \_\_\_\_\_

ACCEPTANCE OF PLEDGE. The H-Prize committee hereby accepts the foregoing pledge and agrees to use the contributions from the Donor in accordance with the purpose set forth above to the extent it is practical to do so.

Approved by the H-Prize committee chair

Date \_\_\_\_\_ Signature \_\_\_\_\_ Name \_\_\_\_\_