

BH'S HANDWRITING GENERATOR

HWGEN IS A GENERATOR FOR DOCUMENTS WHICH IMITATES HANDWRITTEN TEXT. EACH CHARACTER IS CREATED ON THE FLY WITH A PIECE OF **RANDOMNESS**. THUS, EACH LETTER IN THE DOCUMENT IS UNIQUE.

LETTERS ARE COMBINED OUT OF A SET OF **B-SPLINES**. THE POSITIONS OF THE NODES WHICH DEFINE THE B-SPLINE ARE SLIGHTLY RANDOMIZED. THE BASELINE TO WHICH ALL LETTERS ARE ALIGNED IS DISTORTED AS WELL, IN ORDER THAT IT DOES NOT LOOK TOO UNNATURAL STRAIGHT.

HOW IT WORKS

HWGEN HAS ITS OWN FONT DEFINITIONS AS A LIST OF B-SPLINES FOR EACH CHARACTER. IT READS AND INTERPRETES HTML-LIKE DOCUMENTS AND RENDERS IT TO A PDF DOCUMENT. YOU CAN CREATE E.G. PRESENTATION SLIDES OR TEXT DOCUMENTS.

WITH A LITTLE BIT OF PROGRAMMING KNOWLEDGE YOU CAN ADD YOUR OWN HANDWRITING. THE FONT DEFINITION WHICH IS SHIPPED WITH HWGEN IS A VARIANT OF BERNHARD R. FISCHER'S PERSONAL HANDWRITING.

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