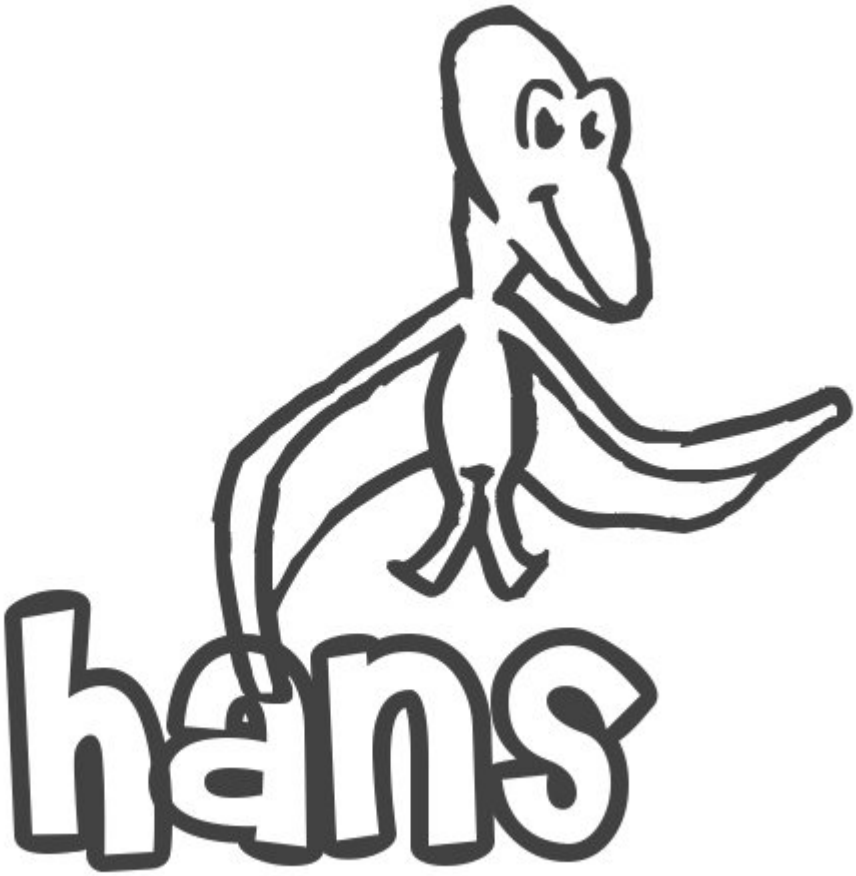
hans