

David P. Voorhees, Le Moyne College
Improving Software Size Measure and Effort Estimation
Informed Consent

“Researcher” refers to David P. Voorhees. “Company” refers to the organization that is providing the Researcher with software development artifacts for use by the Researcher in generating SSM data.

Project Description

The goal of this project is to empirically evaluate the quality of the effort estimates produced when applying industry-based software size measurement (SSM) data to most analogous algorithms and effort estimation models, as implemented in SSM software tools. SSM data consists of the person-hours of effort needed to produce a software artifact and the counting of attribute instances found within a software artifact.

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The Researcher shall:

- Utilize the software artifacts only for the identification and collection of SSM data.
- Identify the company and project using a numbering scheme that hides the name of the company and project from individuals that use the SSM data. Only the assigned numbers for a company and its projects shall be used within the SSM tools. Only the Researcher shall know the mapping of assigned numbers to companies and projects.
- Prevent the accidental updating of an electronic version of a software artifact by using read-only mode within the appropriate software viewing tool.
- Provide to the Company source code for any software tool developed by the Researcher that is used to identify and count attribute instances in an electronic software artifact. These software tools shall open any electronic software artifact for read-only processing.
- Abide by the *ACM Code of Ethics and Professional Conduct* as documented at www.acm.org/about/code-of-ethics.

Company Confidentiality Agreement

Please check the appropriate choice.

- Discussed, signed and attached.
- Does not exist or did not use.

Voluntary participation

Your participation is voluntary. If you believe you have been in any way coerced into participation, please inform Dr. Bernard Cooney, Co-Director, Institutional Review Board, Le Moyne College (315-445-4249). Additionally, you may choose not to answer any question(s) that you deem to be improper or that violates your confidentiality agreement.

Termination of participation

You may choose to withdraw from the study at any time without penalty.

	Le Moyne College

	David P. Voorhees

	Researcher

Signature:	_____
Date:	_____

Company:	_____
Individual:	_____
Role:	_____
Signature:	_____
Date:	_____