

INTERNATIONAL SEMINAR

Presented by David Longstreet



www.letstalkgroup.com

FUNCTION POINTS AND SOFTWARE METRICS

learning to manage software development in tuff times

Hotel Tivoli Oriente

Lisboa, Parque das Nações

November 24 - 26, 2009

Final Registrations November 13

The ability to accurately predict software effort, duration, and staffing levels continues to plaque software development organizations. The root cause of the problem is an inability to know the functional size of software projects, inconsistent and incomplete requirements. This three-day seminar addresses these two major areas.

Function Points are a valuable tool that software organizations use to help understand the size of software projects and to help them accurately predict cost, schedule, duration and defects. Function points are to software development what unit cost is to manufacturing or square meters are to construction. Besides function points, the seminar covers requirements issues too. Unclear requirements are the major factor inhibiting accurate estimating and sizing of software projects.

The function point training seminar has emerged from David Longstreet’s global consulting practice. He has worked with companies in nearly every business and every size. During the seminar he shares the secrets of how world-class software development companies create software and interact with customers. He has taken his diverse experiences and created a robust and comprehensive function point training class.

The seminar provides many rules of thumb for creating software estimates, sizing software and improving the requirements process.

About David Longstreet



David Longstreet is a software consultant with clients in every corner of the globe. He is considered one of the world’s leading authorities in software development. He has consulted and presented his ideas at conferences Worldwide.

He has a creative presentation style that makes complex topics easy to understand. His ideas are persuasive and thought provoking; yet, he maintains the perfect mix of educator and entertainer. Anyone who has attended one of his presentations, training seminars, or conferences knows he is as much a storyteller as a consultant.

David has consulted for software organizations with over 10,000 employees and for some with just a few individuals. They include many Fortune 500 companies in every industry that relies on software including aerospace, telecommunication, banking and finance, insurance, government agencies, travel, retailers, manufacturers, automotive, hospitality, healthcare, defense contractors, universities and other industries.

He has worked with people at all levels including senior executives, boards of directors, middle level managers, project leaders and entry level analysts. He has helped create believable benchmarks, valid assessments, and accurate estimates. His work has resulted in his clients obtaining some of the largest software contracts in the world, some of which were worth well in excess of \$100 million. He has worked on mergers and acquisitions valued at over \$1 billion.

David blends his practical experience with academic research. He conducts research with several universities; is a member of the Academy of Management, as well as the American Economic Society; and has written numerous articles and two books covering software metrics/function points. He reviews papers for several academic conferences, and he is an adjunct professor of graduate level economics and statistics in both the business and psychology departments at Avila University.

Some of David Longstreet Clients

The GAP	NASA/JPL	Sprint Telecommunications
MasterCard International	Roche Healthcare Systems	United States Court Systems
Cingular Technologies	Apple	NATO (Kiev, Ukraine)
USAA Insurance	Accenture	United States Navy
United Parcel Service (UPS)	Telecom Italia	Nielsen Ratings
Amadeus (Nice, France)	AGFA Healthcare	United Telecom
Xerox	Nissan Motor Corporation	Ministry of Finance of Italy (Rome, Italy)
Dana Credit Corporation	Microsoft	ISSC Australia and Singapore
Deloitte Consulting	McDonalds Corporation	EDS Mexico
JP Morgan Retirements Services	The United Nations	General Motors On Board Systems
Saudi American Bank	AT&T	Ciber Consulting
GE Fanuc Automation	Telesoft (Rome, Italy)	United States Department of Treasury
Bel Canada	United States Department of Defense (DOD)	Motorola

Seminar Goals

At the end of the seminar participants will be able to:

- Accurately size software applications.
- Understand the value of consistent terminology when writing and reading requirements.
- Get requirements right the first time.
- Learn to how to ask probing and opened questions during the requirements process.
- Develop quantitative estimating models built upon a repeatable process.
- Avoid techno speak and avoid using jargon when working with the business and customers.
- Understand the difference between a software features and a benefits.
- Monitor and communicate the size of software applications throughout the entire software lifecycle.

Who should attend?

- Business Analysts, Software Managers
- Project Mangers
- Software Developers
- Quality Assurance Analysts and Managers

Seminar Outline

Concepts of Function Point Counting

The seminar follows the IFPUG (International Function Point User Group) Standards which is basically the Albrecht function point counting method. The seminar covers the intra and inter relationships of the transactions and files.

Function Point Analysis, Uses and Benefits

- Objectives and Benefits of Function Point Analysis
- Definition and Role of Sophisticated Users
- When to count Function Points
- Historical background

Function Point Counting Rules

The Function Point Counting Process

Transactions

- External Inputs
- External Outputs
- External Inquiries

Files

- Internal Logical Files
- External Interface Files

General System Characteristics

Programme

Tuesday 24 November - 09.00-16.30

- Registration and Welcome
- Introduction to Software Metrics & Function Points
- Understanding behavior/ reward system
- Overview of metrics in other industries and disciplines
- Gathering the right requirements
- Asking open end questions during requirements process
- Learning to manage what you measure
- Understanding the estimating models
- Pros and Cons of Metrics

Wednesday 25 November - 09.00-16.30

- Function Point Analysis (FPA) Process
- High Level Introduction
- Brief discussion on theoretical foundations
- Review of basic statistical principles
- Connecting the dots between all the FPA components

Thursday 26 November - 09.00-16.30

- Review of Software metrics and function points
- Applications of Function Points
- Case Studies
- Detail Estimating Models

*Includes seminar materials, lunches and coffee breaks!
*Lunch break: 13.00 - 14.00

Ficha de Inscrição

Data Limite de Inscrição: 13 de Novembro de 2009

Fotocopiar e enviar por Fax para: +351 213 420 819
Ou enviar por Email para: registrations@letstalkgroup.com

Empresa

Nome da Empresa: _____
Responsável de Formação: _____ Email: _____
Morada: _____
Código Postal: _____ Localidade: _____ Contribuinte N.º: _____
Telefone: _____ Fax: _____

Participantes

Nome do Participante 1: _____
Função: _____ Email: _____ Telefone: _____
Nome do Participante 2: _____
Função: _____ Email: _____ Telefone: _____

Valor de inscrição

1.990 € + IVA por participante (inclui: almoços, coffee breaks, documentação de apoio e certificado de participação).
Para grupos contacte o nosso Departamento Comercial por: Telefone: +351 217 957 468 ou e-mail: info@letstalkgroup.com

Pagamento:

A importância de _____ Euros, será liquidada à Ordem de Let's Talk, Lda por: Cheque
 BANCO: Santander Totta
NIB: 001800032168433702091
IBAN: PT50 001800032168433702091
BIC/SWIFT: TOTAPTPL

Condições de participação:

- Os Valores apresentados são acrescidos de IVA, e incluem: Almoços, Coffee Breaks, Documentação de Apoio e Certificado de Participação.
- Prazo de Inscrição: 13 de Novembro de 2009, mediante a devolução desta ficha de inscrição devidamente preenchida e carimbada.
- O pagamento da Inscrição deverá ser efectuado por cheque ou transferência bancária antes da data de início do Seminário.
- O número de participantes é limitado, e as inscrições serão consideradas pela ordem de chegada.
- A Let's Talk aceita o cancelamento de inscrições, até 2 semanas antes da data de início do Seminário, reembolsando a totalidade do valor pago.
- O cancelamento de inscrições até 2 dias úteis antes da data de início do Seminário dará origem à retenção de 25% do valor da inscrição, em compensação das despesas administrativas efectuadas e outros prejuízos causados pelo cancelamento tardio.
- A Empresa Cliente poderá substituir um participante que não possa estar presente, por outro com o mesmo perfil.

Todos os dados fornecidos são considerados confidenciais e não serão facultados a entidades terceiras, excepto para efeitos de eventual auscultação por parte do Sistema de Acreditação, sujeita a uma aceitação por parte dos visados. Está contemplado o direito à consulta e correcção de dados.

Para mais informações contacte o nosso Departamento Comercial: info@letstalkgroup.com

Autorização do cliente:

Por favor devolva este documento assinado, confirmando todas as condições descritas por Fax: +351 213 420 819 ou por Email para: registrations@letstalkgroup.com

O Cliente

Data

_____/_____/_____



Organized by:

Let'sTalk Group, a communications, training and events management company

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