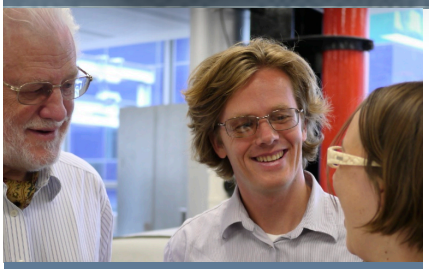
Requirements Workshop



Master how you communicate your organisation's 'real' requirements, and your stakeholders' most critical improvement requirements, in an unambiguous, clear, measurable, and testable way.

Project and System Level Requirements Specifications

WORKSHOP ADVANTAGES

a complete method for tackling all the critical and real stakeholder requirements for a project, at all levels of consideration for IT Projects.

BAR NONE
the most advanced and comprehensive workshop on requirements specification in the world.

SUCCESS
for those of you who know you must have the state-of-the–art requirements methods, because you run critical projects and cannot afford sloppy requirements to threaten success.

COMPLETE
distinguished from others by its ability to integrate multiple quantified quality and cost requirements, with functions and constraints.

DEPTH
permits and encourages detailed specification of requirements, not just simple ambiguous and vague statements.

AGILE WITH CONTROL
manage both small and large complex projects with a summary of all the most critical requirements of the project on one page, all quantified.

Workshop Objectives:

This workshop will allow you to walk away with practical ability to improve your projects most critical requirements.

You will be able to identify, classify and specify critical project and stakeholder requirements.

You will be able to distinguish, Solutions from Functions from Quality, Value and Performance Requirements.

You will be able to quantify all variable requirements.

We hope that most participants will choose to study these methods further after the workshop. We will arm you with the skills and material needed.

We hope that participants will choose to adopt these methods in their work, quickly in current projects. We will give you the skills needed.

Workshop (no silver bullet!) Limitations:

You will not become an overnight expert. You will become proficient enough to start practicing, and continue learning.

Workshop Intended for:

People who write requirements, and their managers.
Product owners, project managers and their managers
Consultants, engineering/IT methods owners and teachers.

Workshop Results:

Leading companies all over the world report achieving great results from these specific techniques. Companies like Boeing, TomTom, BOSCH, Credit Suisse, Philips, Qualcomm, Schlumberger, Nokia, Citigroup, HP and many more. As of October 2011 over 20,000 engineers at Intel have been voluntarily trained in the 'Planguage' requirements methods.
Smaller firms, like Confirmit, report fantastic numeric results, year after year. All driven by clear quantified requirements. See: http://www.gilb.com/dl32
With this workshop, we invite you to learn how to master the requirements process, so as to lead a project to success.

In this workshop you will learn these precious skills from the source, Tom & Kai Gilb.

THE LEARNING PROCESS

THEORY, PRACTICE, DISCUSS, DOCUMENTATIONS

1. Lectures (50%)

Basic Theory (Principles, Standards, Rules, Templates)
Case studies.
Examples of practice.

2. Questions and discussion

3. Participant exercises
(small groups 2 to 4), followed up by Instructors,.

4. Substantial digital documentation, a library of books, papers, cases

Day 1

Quantify Requirements

1. **Overview**: Evo & Planguage in relation to Agile Methods

2. practical **examples** of Planguage for requirements (case studies)

3. the various requirements **concepts** defined deeply and exemplified

4. requirements **templates** (to make standards practical) design constraint templates (a type of required design or architecture)

5. how to **quantify** any qualitative requirement (like intuitiveness or adaptability or security) – this is the key ability that most all other 'requirements' workshops do not teach!

6. **advanced** scale of measure specification methods (a 'scale' is more than units)

7. how to **measure** a requirement level numerically (meters and tests for quality)

Day 2

Standards, Principles, Risks

1. Tips for **analyzing** project plans to find the 'real' value requirements.

2. **standards** for requirements (rules, processes, templates, glossary)

3. **principles** for requirements (help you to tackle new problems better)

4. **quality control** of requirements: measuring requirement conformance to standards (reviews, inspections, agile reviews)

5. how to give information that determines **priorities** of requirements (example Wish/ Goal/Fail and Qualifiers)

6. how to include requirement information about **risks and uncertainties**

7. how to include requirement information about **traceability** (up and down)

Day 3

Design, Delivery, Culture Change

1. **estimating** the quantified impact of a **design** on requirements

2. evolutionary project management and how it integrates with requirements. The **Evo cycle** and how it relates to Agile iteration.

3. **training** requirements writers: how to train colleagues and yourself

4. changing requirements **culture**: how to change your culture of requirements

5. expected **results** from requirements culture improvement: how to measure or know that things are working well

6. a **policy** for improved requirements: summary of main guidelines for value driven projects, and value requirements.

7. **instructor-led workshop**: participant input requirement problems solved by Gilb

Armed for continued learning
Digital Handouts

Books

Competitive Engineering
with full Glossary
Evo - Evolutionary Project Management & Product Development

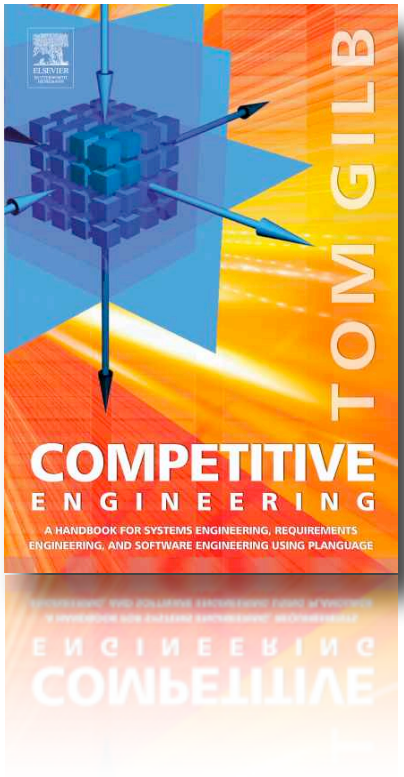
Slide Decks

Top Level Requirements (this workshop)
Top Level Objectives Requirements Cases (8 real cases)
Intel Planguage Slides
More!

Papers by Gilb on Requirements

Agile: Now What!
Spec QC
Quantifying Security
Managing Priorities
Rich Requirements Specs
Real Requirements
Quantifying Stakeholder Values
Managing Project Risks in Requirements, Design and Development using Planguage
Requirements for Outsourcing
Requirement Relationships
Making Metrics More Practical in Systems Engineering: Fundamental Principles for Failure and for Success
Value Delivery in Systems Engineering
Estimation: A Paradigm Shift Toward Dynamic Design-to-Cost and Radical Management
What's fundamentally wrong? Improving our approach towards capturing value in requirements specification
Quantifying Management Bullshit: forcing IT Stakeholders to reveal the value they really want from your IT Project.
User Stories: A Skeptical View

+ Case Studies & Templates



Become an expert
Intended for:

People who write requirements, and their managers
Product & project managers and their managers, consultants, engineering/IT, methods teachers.

Certification - Trained
Value Requirements

See: http://Gilb.com/Value+Requirements+Certification
You will get certification in the skill-set of Value Requirements.

INSTRUCTORS

Tom Gilb and Kai Gilb have developed the requirements methods they teach, personally, with the help of many professional friends and clients. The methods have been developed over decades of practice all over the world in both small companies and projects and the largest companies and projects.

Tom Gilb

Tom is the author of nine books and hundreds of papers on these and related subjects. His 9th book 'Competitive Engineering: A Handbook For Systems Engineering, Requirements Engineering, and Software Engineering Using Planguage' is a substantial definition of these requirements ideas.

Kai Gilb

Kai, coach -managers, -product owners and -development teams, he lectures, develops and runs workshops, he is writing a book - 'Evo – Evolutionary Project Management & Product Development.', he writes papers, is consulting, starting up projects and is saving projects that have gone astray.

See client list: Gilb.com/About

Interested? Questions?

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