# A Community Repository of Program Code

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**OTS All Hands Meeting** 

March 3, 2010

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## Time for a Culture Change?

#### CURRENT CULTURE



#### FUTURE CULTURE



Lacks Efficiency Slowly Evolves Independent Passive Promote Efficiency Advance Quickly Community Living

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### While we can't promise EVERYTHING....

The goal is to bring together:



# The Wiki Way - What It Is

- Most popular and HIGHLY successful Wiki: Wikipedia
- Definition: A wiki is a website that uses wiki software, allowing the easy *creation* and *editing* of any number of interlinked Web pages, using a simplified markup language [source: Wikipedia].
- Creation/Editing is done via the web browser no fancy software is required.
- **Community** of users add/edit content → pages/website is not static but **ALIVE**!
- *Invokes* user participation to create or collaborate.
- Subject to GNU-GPL regulations making them free software programs.

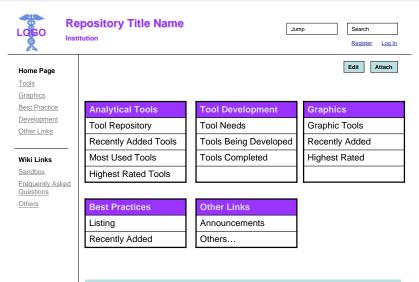
# Building on The Wiki Way

A CSC Project Team set out to: Establish a **collaborative environment** for development of specialized program code (like SAS or SPLUS scripts or compiled code) for analytical tools.

- Tools could be registered by anyone internal or external
- Tools would correspond to cutting-edge statistical methodology or analytical approaches for which there is no easy to use software solution
- The repository should be *public* to allow for development and refinement of tools from a community of users

#### Vision on July 17, 2009

### How the Site Might Look



Edit | Attach | Print Version | History: ... |Backlinks | Raw View| Raw Edit | More topic actions

# How a Tool Page Might Look

#### GeniusMIApproach Link to article Description This tool allows one to implement the multiple imputation procedure developed by Billy published in Journal for Cool Statistics. The strength of this approach is for count data collected over a series of visits. Code Information Program Language: R version 2.8 Tool Version: Version 1.1 Link to Meta Data Page Tool Meta Data: GeniusMIApproach-Meta Tool Example: Coding Examples Link to Examples in Meta Data Page Tool Code: GeniusMIApproach Link to read-only code Kev Words Multiple Imputation, missing data Author Email: Billy@StatsRock.org Organization: StatsRock, Ltd. User Reviews Number of Reviews: 10 Link to reviews Average Rating: Number of page views: Discussion History 0 0 Edit

#### How Real is This?

Answer: **VERY** 

Working with **CTSpedia** (The Knowledge Base for Clinical and Translational Research within the CTSA) to modify/extend CTSpedia (http://www.ctspedia.org/do/view/CTSpedia).

CTSpedia is a pilot project initiated in 2007 by the CTSA funded Biostatistics Research Ethics and Design (BREAD) program at UCSF. The project was initiated to form an information resource created by researchers for researchers in clinical and translational science to share valuable knowledge amongst local researchers. In the spring of 2008, CTSpedia was presented to the national CTSAs Biostatistics/Epidemiology/Research/Design (BERD) Online Resources and Education taskforce as a vehicle for driving progress in the task forces goals to identify and share resources across the national consortium and community researchers world-wide. Since then, with the support of the national BERD consortia, the project obtained funding and support from the National Center for Research Resources (NCRR) to expand the scope and content of CTSpedia and fostering collaboration amongst CTSAs.

## Participation is Vital to Success



**1** Provide the team with feedback

- 2 Contribute content
- 3 Edit content
- 4 Discuss content
- 5 Rate content
- 6 Be Involved!

# **FDA/CDER** Team Members

Name	Office
Mat Soukup	OTS
Don Salzer	OBPS
Sue Bell	OTS
Joan Buenconsejo	OTS
Chuck Cooper	OTS
Gary Gensinger	OBPS
Ted Guo	OTS
Norman Stockbridge	OND
Christopher Tornoe	OTS



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# Thank You!

Please feel free to contact any one of your OTS colleague team members

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