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Refactor, Don't Rebuild



Eli White

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Refactor, Don't Rebuild

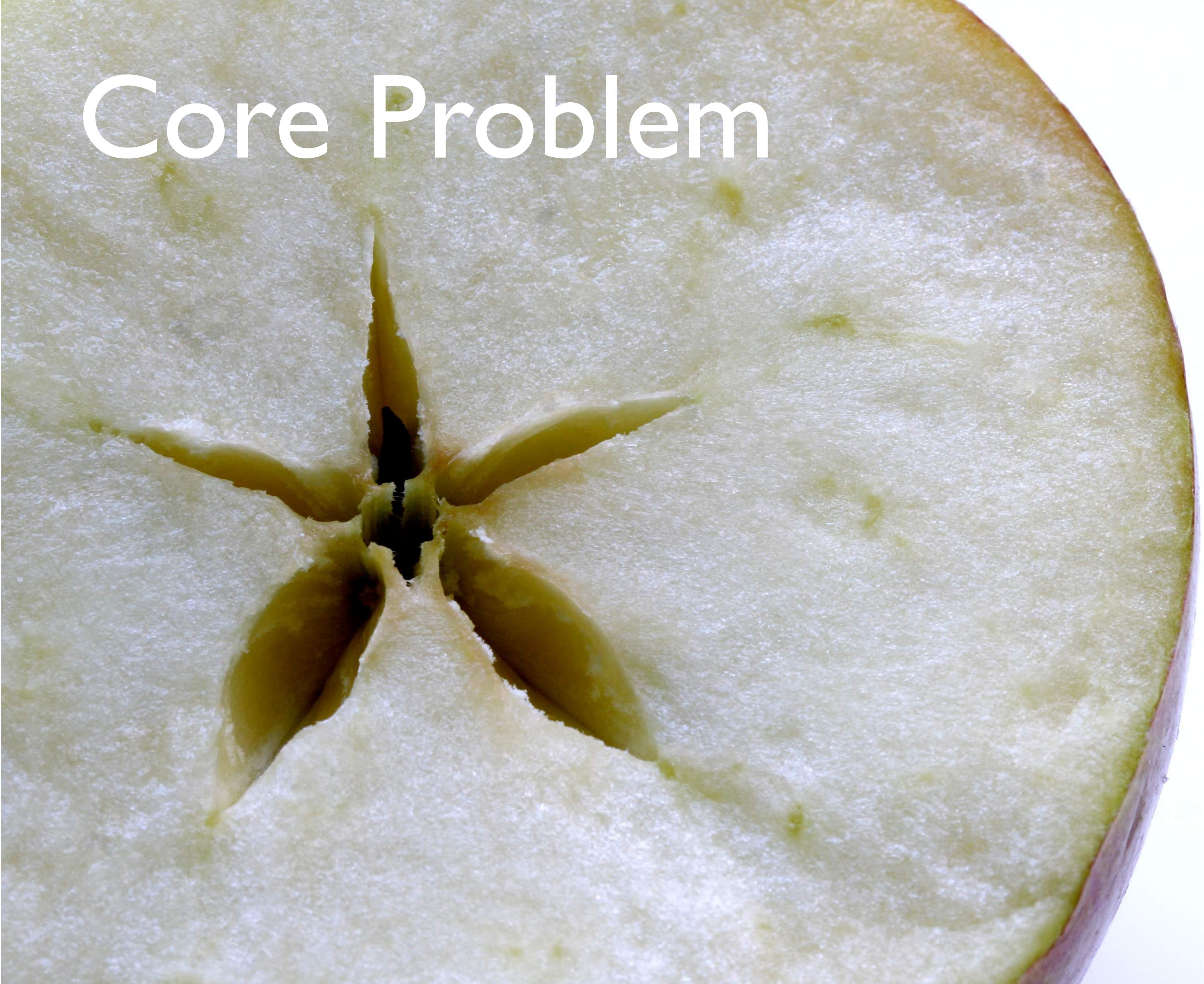
Eli White

Vice President — One for All Events

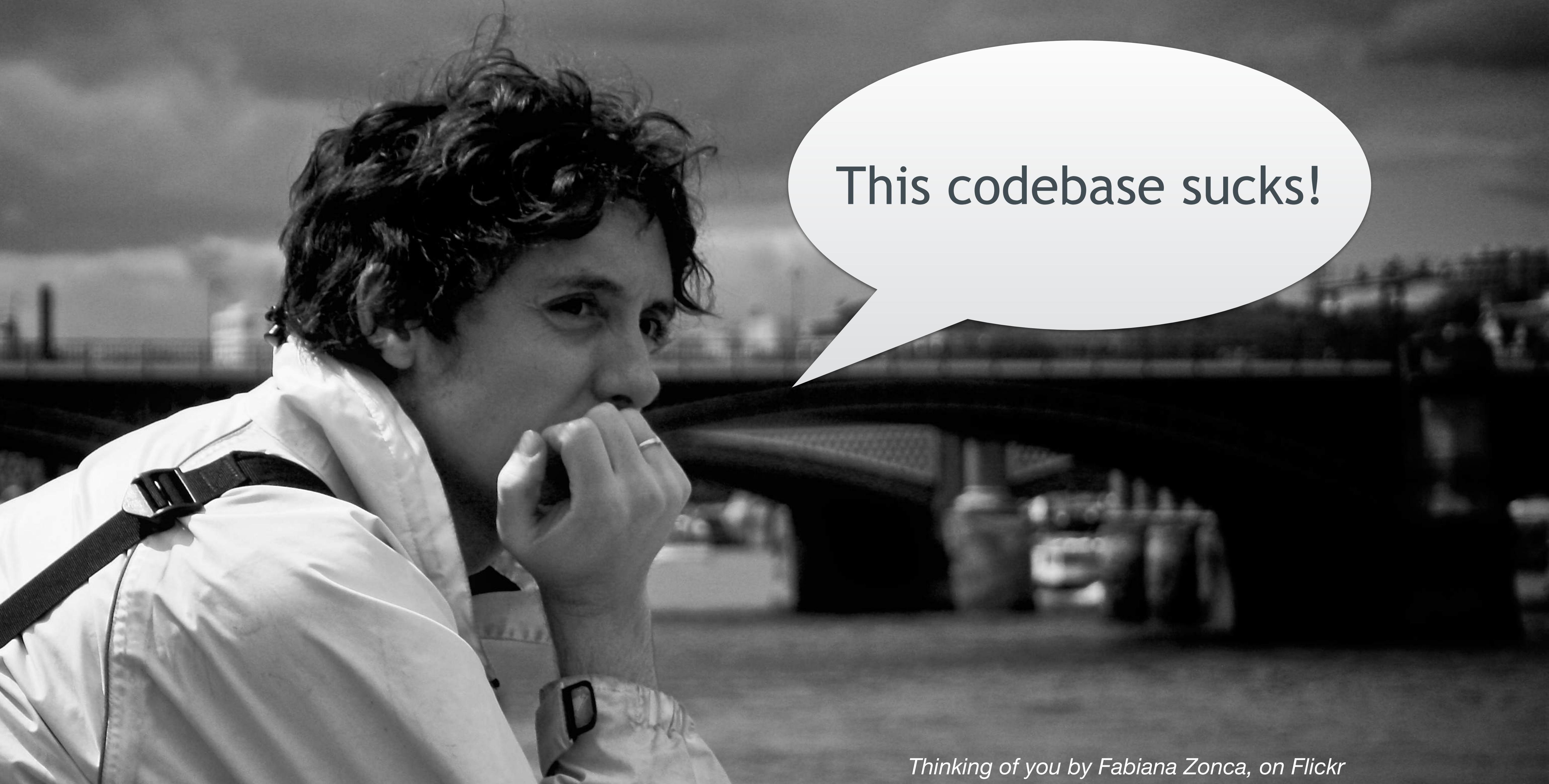
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Core Problem



an apple a day by Jack Tinney, on Flickr



Thinking of you by Fabiana Zonca, on Flickr

Code Doesn't Rot



Rotten Apples by Stephen Butler, on Flickr

Fundamental Problem



Complicated Pile by Christophe / saturnino laïchouchen, on Flickr



It's harder to read
code than to write it.

www.joelonsoftware.com

Do you really think my eyes are bigger than my stomach? by Marin, on Flickr

Bugs



Cotton Harlequin Bugs by Louise Docker, on Flickr

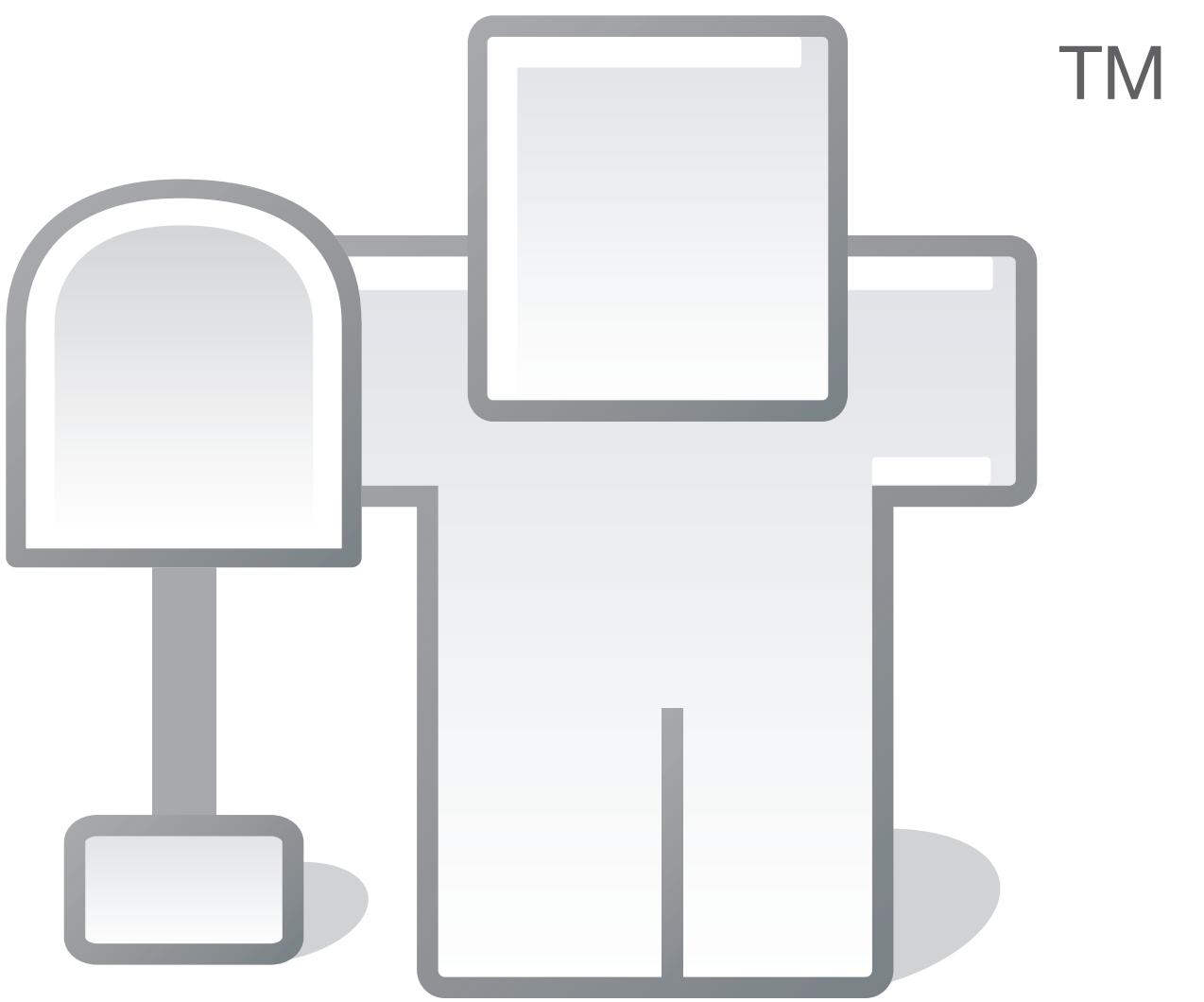
Dislike of Complication



Complicated by Rohit Mattoo, on Flickr

Complication is Good

Code by Michael Himbeault, on Flickr



Lost Time

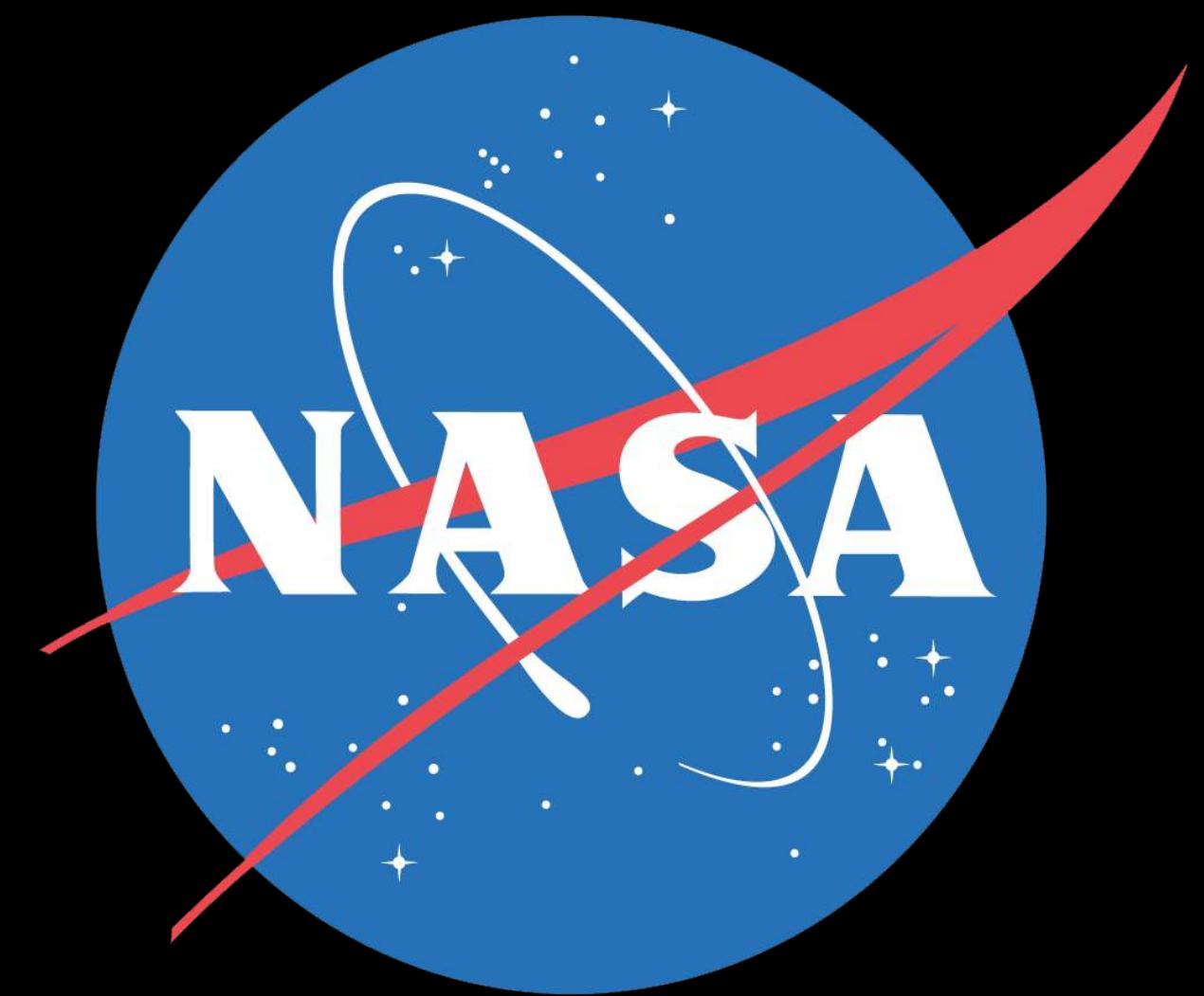
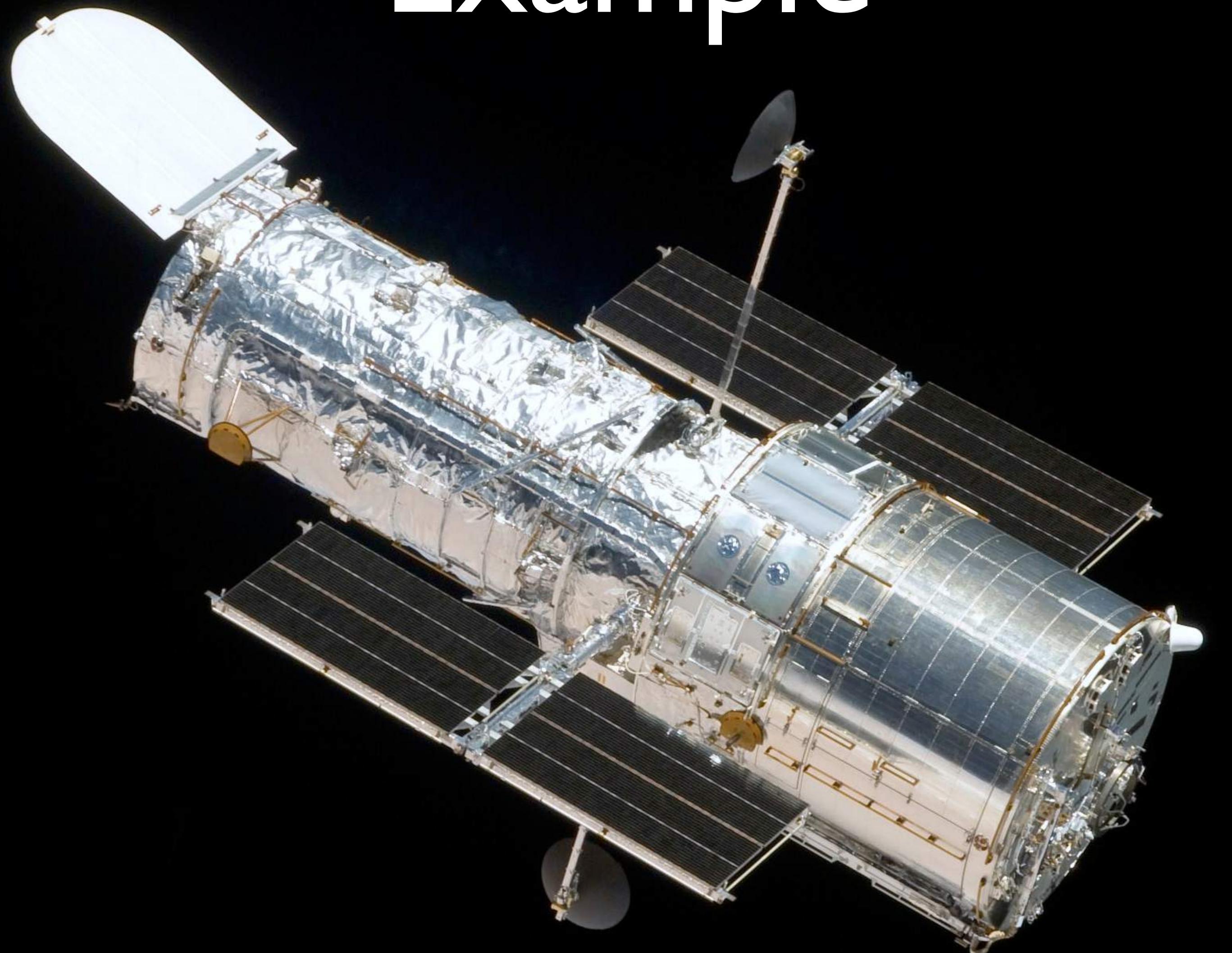


The Passage of Time by Toni Verdú Carbó, on Flickr



NETSCAPE®

Example



Products Never Ship



Ship Portrait - "Elissa" by Louis Vest, on Flickr

Example: Microsoft



Pyramids of Giza by Dietmar Temps, on Flickr

Loss of Functionality



Skin Deep by David Blackwell, on Flickr





A close-up photograph of a man with grey hair, wearing a white cowboy hat and a red suit jacket over a white shirt with a patterned bow tie. He is smiling broadly. The background is dark and out of focus, showing some colorful lights.

What to do?

danger ranger by john curley, on Flickr

Refactor

Break it Up



break by Paul Goyette, on Flickr



Incremental Advantage

Example: Digg & MVC



Fancy Digg HQ Sign by Scott Beale, on Flickr

Example



php[architect]

Example: Hubble Releases



The Sombrero Galaxy — NGC 4594 (M104)  HUBBLESITE.org



Recap Rebuild Refactor

RSS hats in China by Robert Scoble, on Flickr

Pardon a brief commercial interruption

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