It All Begins With You!

Adopting a
Drupal Contrib-First Approach

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Principal Software Engineer

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Relentlessly invent a world that works better for all

Adopting a Drupal Contrib-First Approach

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01

Drupal Contrib-First Approach

A Drupal Contrib-First Approach adopts the Drupal community's values, principles and development methodology to openly collaborate with Drupal community members and not-yet members to deliver reliable, flexible, secure and impactful Drupal solutions.

Drupal Community Values and Principles

"**Drupal Values and Principles** describe the culture and behaviors expected of members of the Drupal community to uphold. These principles inform **how technical and non-technical decisions** are made, in addition to how contributors and leaders can **support both our community and the project**.

- Dries Buytaert, Founder and Project Lead of Drupal

PRIORITIZE IMPACT

Impact gives us purpose

We build software that is easy, accessible and safe for everyone to use

PRIORITIZE IMPACT

BETTER TOGETHER

ENJOY WHAT YOU DO

STRIVE FOR EXCELLENCE

TREAT EACH OTHER WITH DIGNITY AND RESPECT

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Drupal Community Values and Principles

BETTER TOGETHER

We foster a learning environment

Prefer collaborative decision-making

Encourage others to get involved

Help lead our community

PRIORITIZE
IMPACT

BETTER
TOGETHER

ENJOY WHAT
YOU DO

STRIVE
FOR
EXCELLENCE

TREAT EACH OTHER
WITH
DIGNITY AND RESPECT

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STRIVE FOR EXCELLENCE

We constantly re-evaluate and assume that change is constant

PRIORITIZE
IMPACT

BETTER
TOGETHER

ENJOY WHAT
YOU DO

STRIVE
FOR
EXCELLENCE

TREAT EACH OTHER
WITH
DIGNITY AND RESPECT

TREAT EACH OTHER WITH DIGNITY AND RESPECT

We do not tolerate intolerance toward others.

We seek first to understand, then to be understood.

We give each other constructive criticism, and are relentlessly optimistic.

PRIORITIZE IMPACT

BETTER TOGETHER

ENJOY WHAT YOU DO

STRIVE FOR EXCELLENCE

TREAT EACH OTHER WITH DIGNITY AND RESPECT

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02

The Benefits

Benefits of a Drupal Contrib-First Approach

2.1
For
Clients

2.2
For
Individuals

2.3
For
Providers

Increasing the value delivered

A Drupal Contrib-First Approach will deliver more value over a project's lifespan because we will deliver higher quality solutions that are forward compatible with future Drupal feature releases and can be distributed with our clients and their partners to maximize impact.

Benefits for Drupal Clients: Increasing the Value Delivered

Increased Impact

By embracing Drupal community's values and principles, namely "Principle 1: Impact gives purpose", we prioritize the needs of individual who use Drupal, and thus empower them with better tools to increase their productivity and their impact.

Increased Quality

Through active and deeper collaboration with Drupal community an its members with a Drupal Contrib-First Approach, we will increase our Drupal competency, thus leading to higher quality solutions.

Secure Solutions

By using existing solutions from or contributing new solutions to the Drupal community, this code will receive increased visibility and scrutiny, and can opt into Drupal Security Advisory policy, to identify and resolve security vulnerabilities.

Forward Compatible

Through a deeper engagement with the Drupal community, we will use a forward-looking perspective to collaborate early with the Drupal community to ensure custom solutions are aligned and compatible with other Drupal community efforts.

Increased Extensibility

By adopting Drupal software architecture patterns, contributed and custom solutions can be designed to be extended themselves, thus making them re-usable in other unknown applications.

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Lowering the cost of ownership

A Drupal Contrib-First Approach produces higher quality development work that is extensible, reusable and more maintainable requiring less effort to pivot when business requirements change.

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Benefits for Drupal Consumers: Lowering the Cost of Ownership

Choosing Contrib Instead of Custom

Fulfill requirements and accomplish functionality with existing Drupal core and contributed solutions.

Compatibility, the First Time

A Drupal Contrib-First Approach will help ensure that our solutions align with core Drupal architecture and reduce compatibility issues, and thus decreasing cost associated with re-work.

Re-usability

Reusable Functionality, Future Savings: by adopting this approach and contributing custom solutions to the community, new functionality becomes readily available for clients and their partners for reuse, and thus decreasing costs associated with future Drupal projects.

Reduced Overhead

A Drupal Contrib-First Approach adheres to Drupal coding and documentation best practices and produces maintainable and extensible solutions, which reduce the effort to on-board developers familiar with these practices and to adapt or extend solutions to accommodate changing business requirements.

Benefits of a Drupal Contrib-First Approach

2.1
For
Clients

2.2
For
Individuals

2.3
For
Providers

Purpose and Professional Growth

By adopting a Drupal Contrib-First Approach, individuals can derive meaning from our contributions when our work creates more value for others while becoming better and what we do.

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Benefits for Individuals

Purpose

Individuals will get fulfillment out of knowing their work and contribution has a greater reach and impact.

Additional Learning Opportunities

Individuals will have the opportunity to collaborate with Drupal community members outside of their organization, including possible mentorship opportunities.

Increased Technical Proficiency

Through the use of Drupal community coding standards and best practices, individuals will produce solutions of improved quality leading to increase proficiency.

Refined Soft Skills

Through a Drupal Contrib-First Approach, which emphasizes collaboration and communication, individuals will have an opportunity to reflect and refine their soft skills.

Professional Growth

By becoming more proficient with both technical and soft skills, individuals will benefit from professional growth with likely increased opportunities and salary adjustments.

Benefits of a Drupal Contrib-First Approach

2.1

For
Clients

2.2

For
Individuals

2.3

For
Providers

What benefits others, benefits providers

By adopting a Drupal Contrib-First Approach, an agency will benefit directly through the success of their clients and their team members.

Benefits for Drupal Providers

Increased Brand Equity & Awareness

Increasing your participation within the Drupal community via a contrib-first approach will grow value and awareness of your brand.

Increased Retention

Team members that find purpose and fulfillment with portfolio work through their open source contributions can find their work to have more impact and lead to increased job satisfaction.

Lead Generation Opportunity

increased brand awareness within the Drupal community will have a positive impact on lead generation.

Recruitment

Open source software professionals want to work with co-workers and organizations that value contributing and sharing back.

Additional Training Opportunity

Through a contrib-first approach, team members and new hires can receive mentorship and training by interacting directly with Drupal community members outside of your organization.

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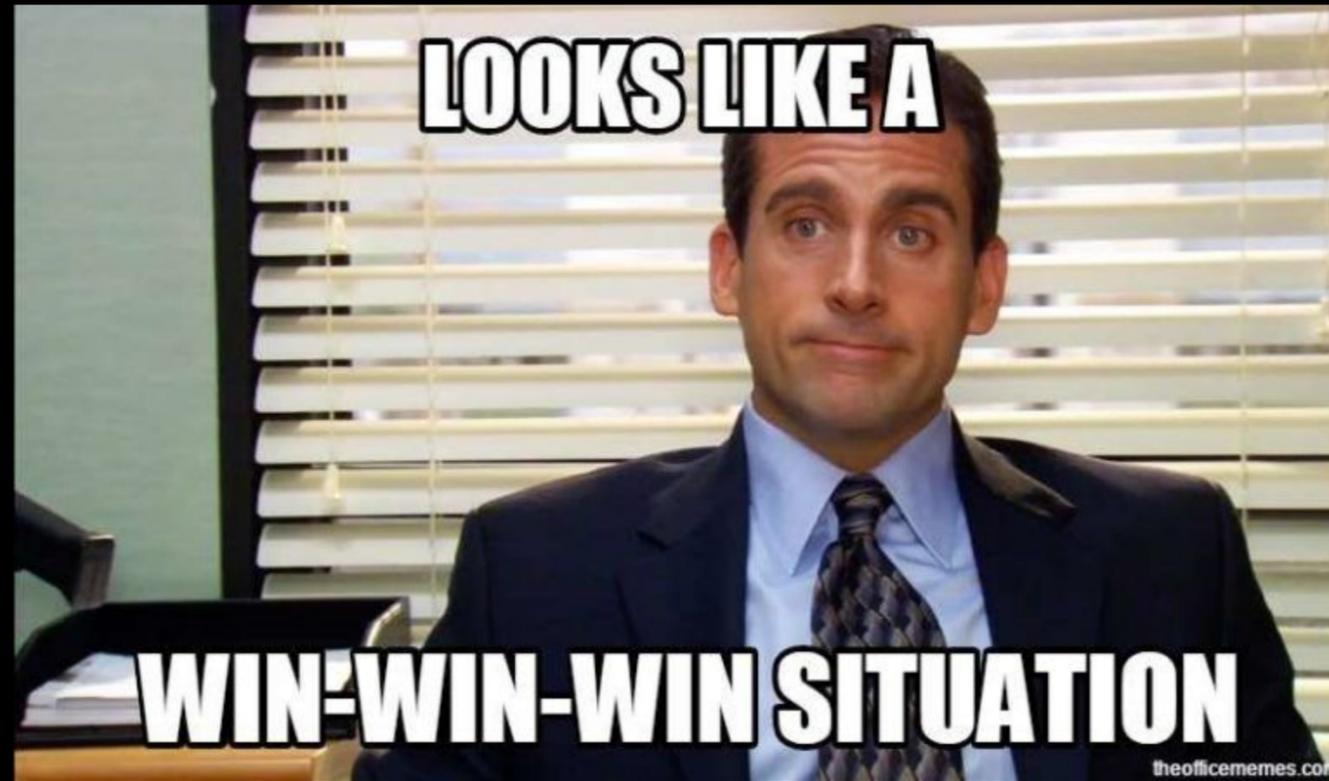
03

Drupal Contrib-First Approach, How do you do?

A Drupal Contrib-First Approach: How do you do?

Engage with the Community
Engage with the Drupal community and clients through Drupal-specific online and offline forums.

Partner with Clients
Partner with clients to cultivate Drupal's best practices, principles and values within their internal teams.

Adopt the Approach
Incorporate Drupal community values, principles and methodology into project development work.

Online & Offline

Drupal.org account, email notifications, Slack, Twitter.

Drupal specific and non-Drupal conferences, camps and meet-ups.

User Support Documentation

Drupal.org forums, issues queues, drupal.stackexchange.com and documentation.

Issue Queues

Subscribe to individual issues, participate in issue discussion and update issue summaries.

Marketing

Help get the word out about Drupal! Put your graphic design skills or marketing savvy to work to promote Drupal and spread the word!

Ways to Get Involved

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Onboarding

Use an onboarding checklist to welcome new Drupal clientss to the community, Drupal.org, attribution system and to a Drupal Contrib-First Approach

Communicate

From the start, communicate where a client will likely need to contribute within project requirements (SOW). Throughout engagements, routinely report the Drupal.org's contribution credits.

Collaborate

Use project management software to effectively bridge communication gap between project and Drupal.org efforts and use Drupal expertise to lead a contrib-first approach to prioritize project work in alignment with Drupal core and contrib roadmaps

Invest

During daily stand-ups and other scrum ceremonies, discuss Drupal events, roadmaps, issue updates, Drupal security practices, etc.

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Adopt the Approach

Agile

Use agile methodologies to prioritize impact and deliver value.

Discovery

When researching, identify opportunities to contribute for feature parity and bug resolution.

Contrib vs. Custom

Identify technical solutions that range from Drupal core, contributed and custom components.

Decision Matrix

Use a decision matrix with clients to evaluate the best fit solution among alternatives.

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Adopting the Approach: Agile

THE FOUR VALUES OF THE AGILE MANIFESTO

The Agile Manifesto is comprised of four foundational values and 12 supporting principles which lead the Agile approach to software development.

01. **Individuals and Interactions** Over Processes and Tools

02. **Working Software** Over Comprehensive Documentation

03. **Customer Collaboration** Over Contract Negotiation
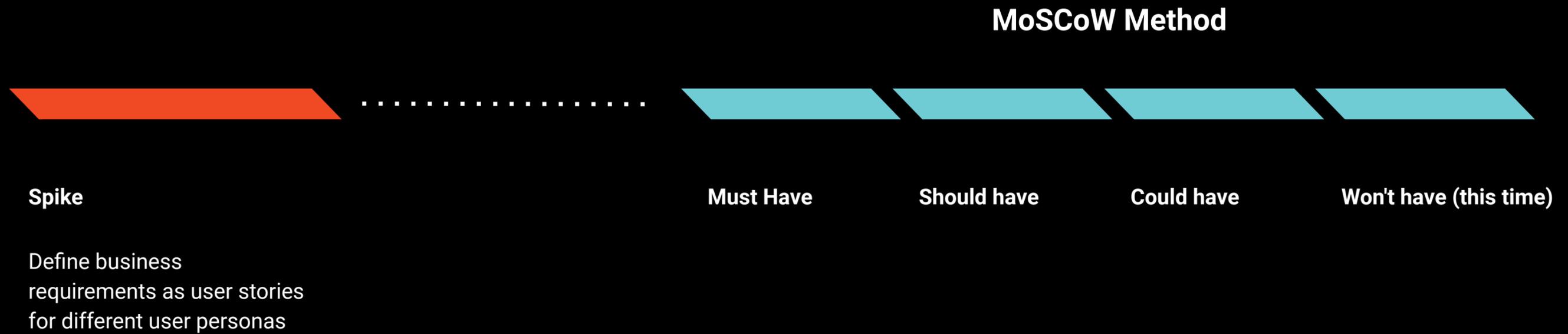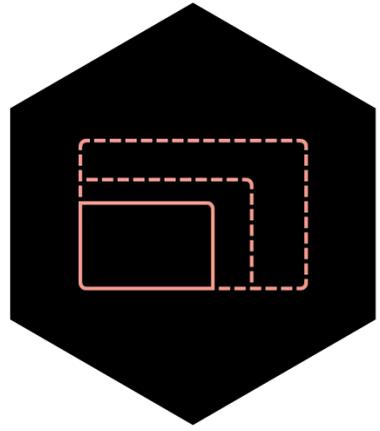
04. **Responding to Change** Over Following a Plan

Adopting the Approach: Agile

THE TWELVE SUPPORTING PRINCIPLES OF THE AGILE MANIFESTO

The Agile Manifesto is comprised of four foundational values and 12 supporting principles which lead the Agile approach to software development.

01. Customer satisfaction by **early and continuous delivery** of valuable software.

02. **Welcome changing requirements,** even in late development.

03. Deliver working software frequently (weeks rather than months)

04. **Close, daily cooperation** between business people and developers

05. Projects are built around motivated individuals, who should be trusted

06. Face-to-face conversation is the best form of communication (co-location)

07. Working software is the primary measure of progress

08. Sustainable development, able to maintain a constant pace

09. **Continuous attention to technical excellence and good design**

10. Simplicity—the art of maximizing the amount of work not done—is essential

11. Best architectures, requirements, and designs emerge from self-organizing teams

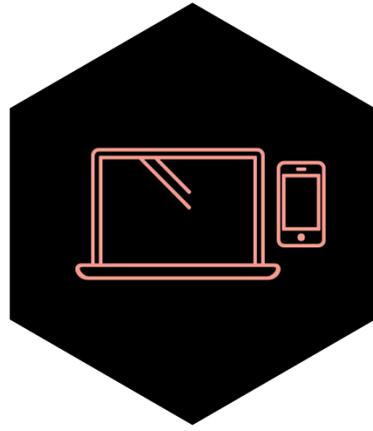**12.** Regularly, the team reflects on how to **become more effective,** and adjusts accordingly

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Adopting the Approach: Agile Discovery

MoSCoW Method

Spike

Must Have

Should have

Could have

Won't have (this time)

Define business
requirements as user stories
for different user personas

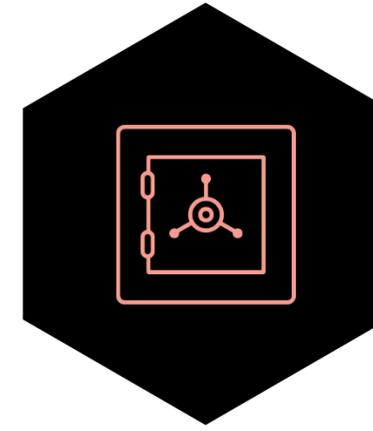# Drupal, what's out-of-the-box

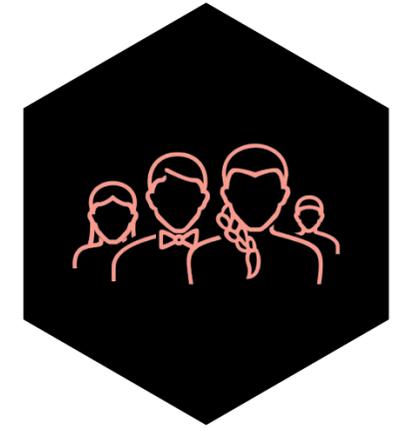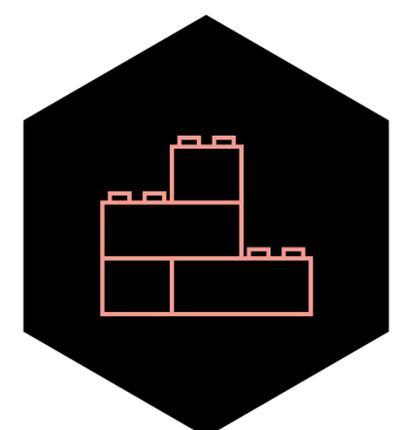|				
HIGHLY SCALABLE	MOBILE FIRST	MULTILINGUAL	SECURE	ACCESSIBLE
EASY CONTENT AUTHORING	FLEXIBLE CONTENT ARCHITECTURE	MULTISITES	CONTENT AS SERVICE	EXTENSIBLE
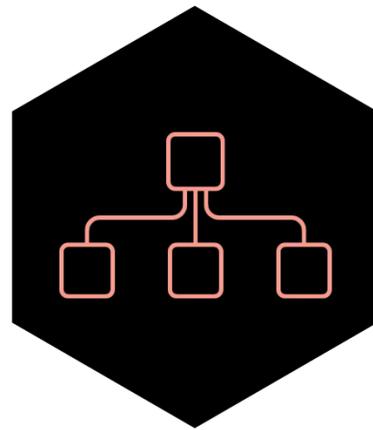
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Source: Drupal.com

Adopting the Approach: Agile Discovery

Spike

Define business
requirements as user stories
for different user personas

Must Have

Must be secure

Adopting the Approach: Agile Discovery

Spike

Define business
requirements as user stories
for different user personas

Must Have

Must be forward compatible

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Spike

Define business
requirements as user stories
for different user personas

Must Have

Is highly scalable...

Adopting the Approach: Agile Discovery

Spike

Must Have

Define business
requirements as user stories
for different user personas

Is accessible...

Adopting the Approach: Agile Discovery

Spike

Define business
requirements as user stories
for different user personas

Must Have

Supports translations and localization...

Adopting the Approach: Agile Discovery

Spike

Define business
requirements as user stories
for different user personas

Must Have

Supports easy content authoring...

Adopting the Approach: Agile Discovery

Spike

Define business requirements as user stories for different user personas

Must Have

Secure, forward compatible

Should have

Could have

Won't have (this time)

Adopting the Approach: Drupal Development Methodology
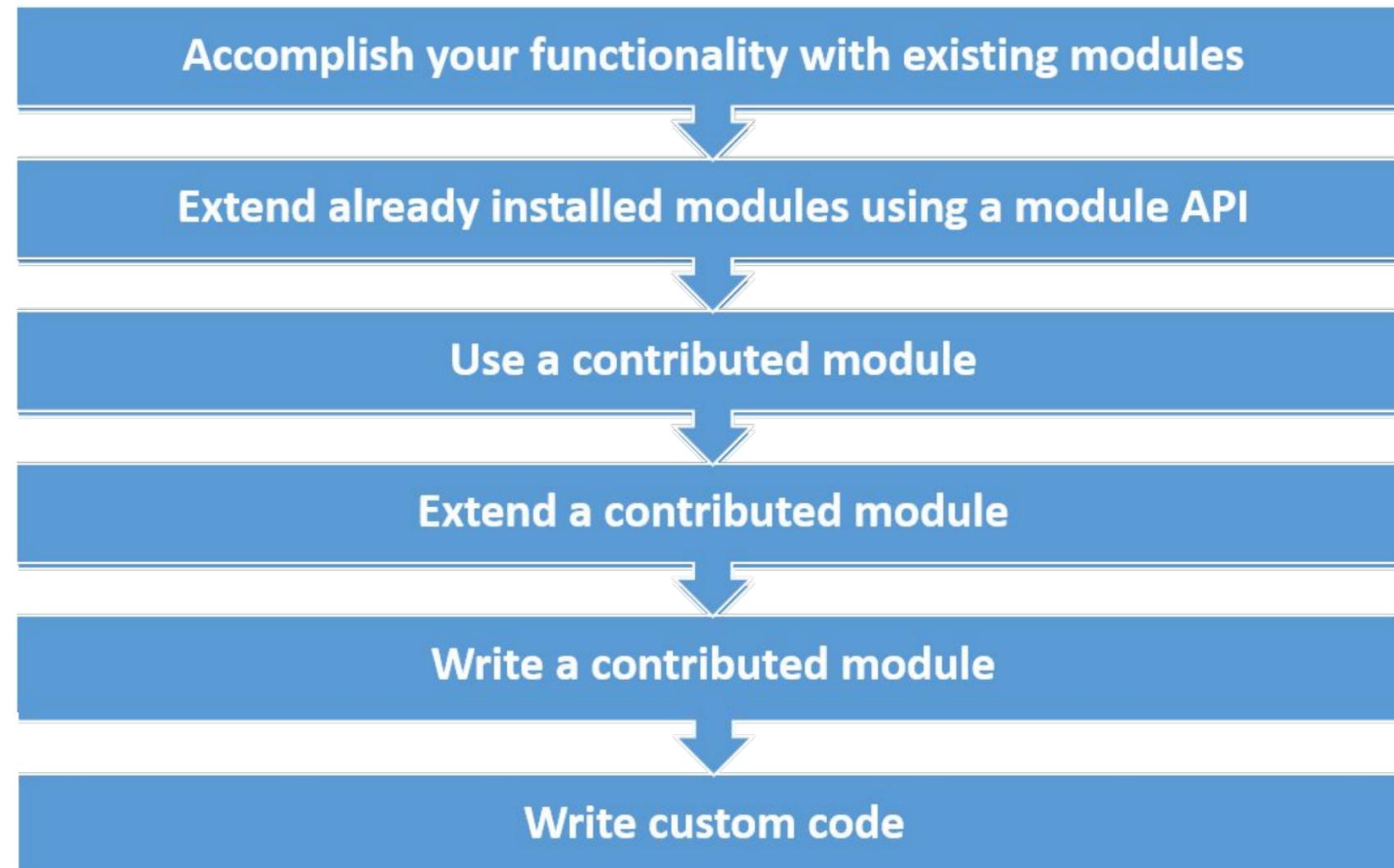
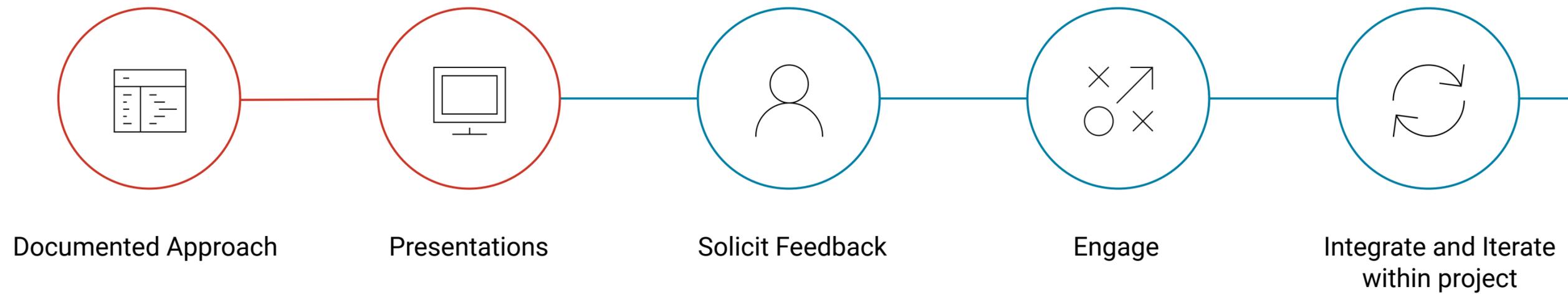Source: Contributed versus custom code and everything in between

Using a Decision Matrix

Factors	Feature Parity	Time to Implement	Forward Compatibility	Maintainability	Extensibility	Totals
Weights	4	5	3	5	1	
Solution A	5	10	10	10	10	160
Solution B	10	5	10	7	10	140
Solution C	10	0	0	0	0	10

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What's next?

Continue Refining
Drupal Contrib-First Approach

Documented Approach   Presentations   Solicit Feedback   Engage   Integrate and Iterate within project

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Provide Feedback

Have questions or
comments? Send them
my way!

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