

Team Breakout



Aswin Behera

PRODUCT STRATEGY,
UX, RESEARCH,
FRONTEND



Debadatta Hembram

FULLSTACK DEVELOPER



Suraj Kumar Suna

GRAPHIC DESIGN,
BUSINESS MODELLING

A decorative graphic consisting of numerous thin, concentric, wavy lines in a light red color, located in the bottom left corner of the slide.

21ST AUG 2023

featureSage

Unveiling Tech Possibilities Through
Narrative Podcasts

What's the Buzz?

In a world teeming with innovation, it's not just about knowing features; it's about unleashing their potential.

featureSage is the brainchild of curiosity and collaboration, designed to **bridge the gap** between developers, users, and the features that power our digital realm.



THE PROBLEM

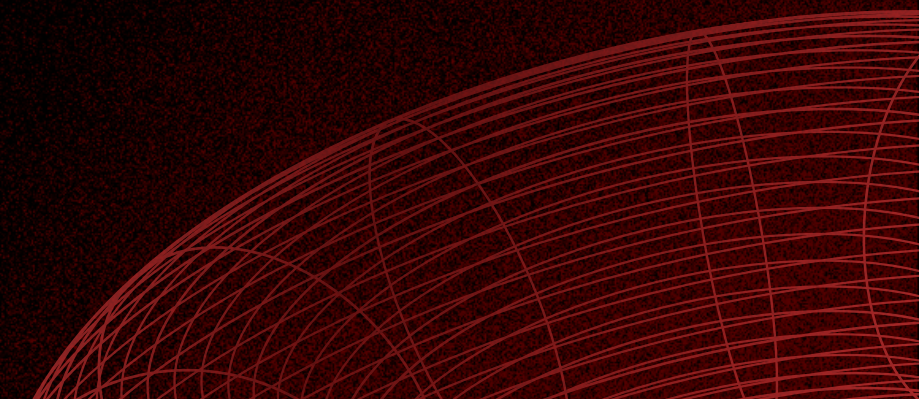
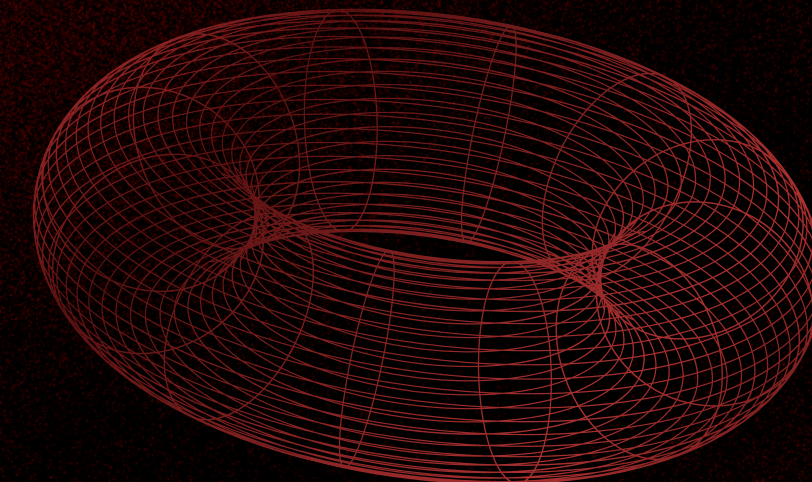
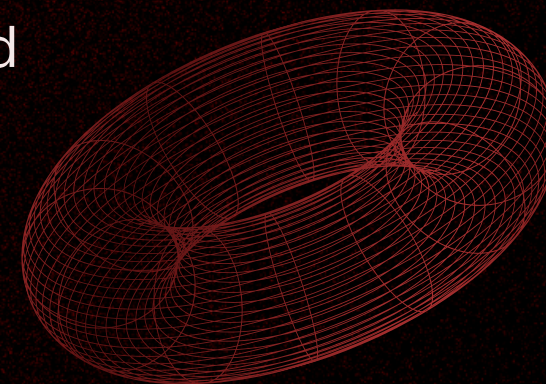
- In the vast landscape of tech projects, understanding the intricacies of features can be daunting. Technical documentation can be dry and complex, making it hard for both developers and users to grasp the real-world implications.

-
- **Developers:** Struggling to communicate the value and potential of their features to a broader audience.
 - **Users:** Finding it difficult to envision how specific features can solve their real-world problems.

PROBLEM ADDRESSED: Bridging the Understanding Gap in Tech Features

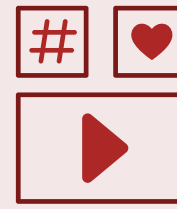
Bridging the understanding gap between complex features and their tangible outcomes.

Empowering both developers and users to explore endless tech possibilities.





What is featureSage?



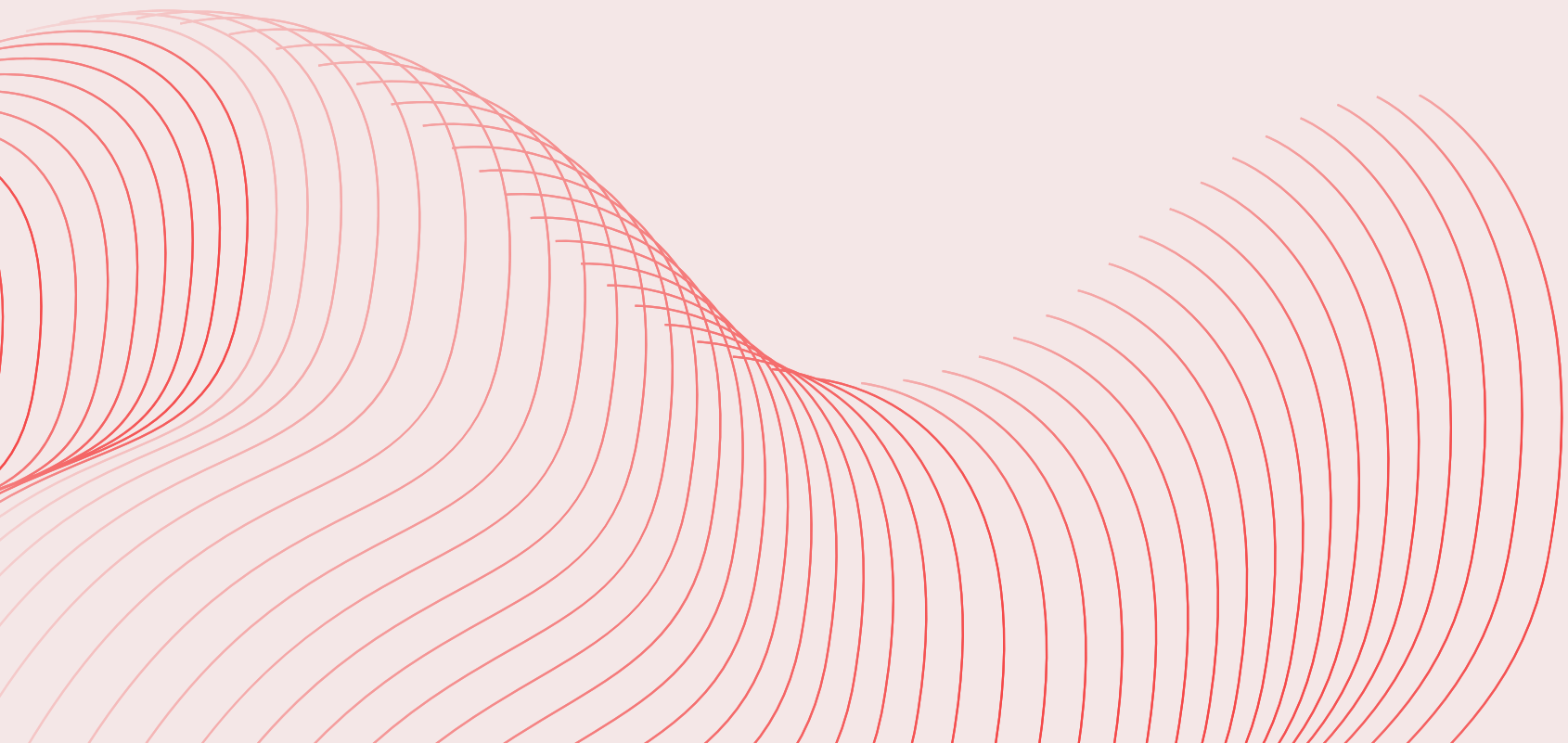
FeatureSage is a revolutionary web app designed to make understanding tech features engaging, relatable, and inspiring.



We transform tech features into captivating narrative podcasts.



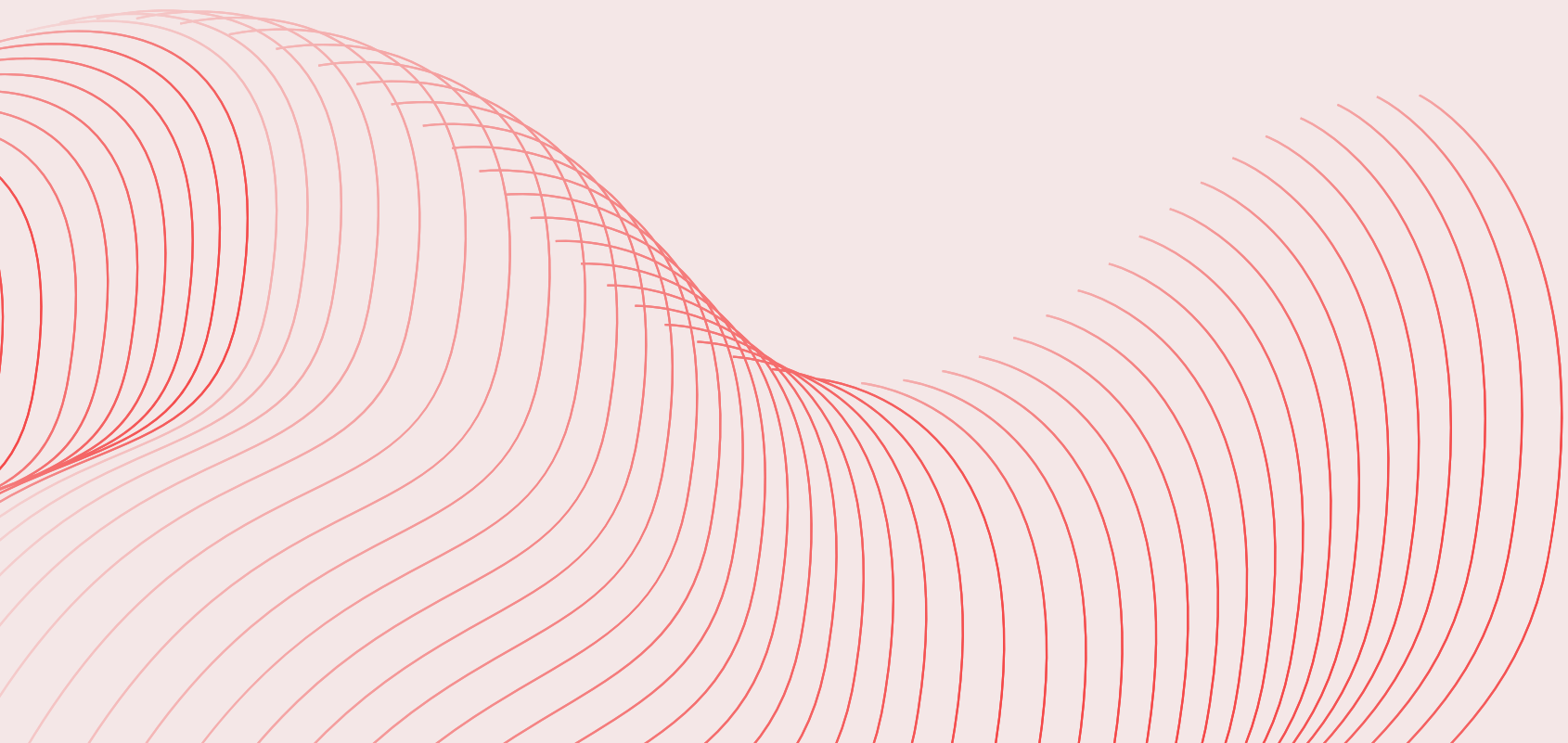
AI Agents based developers and users share how features impact projects and drive innovation.





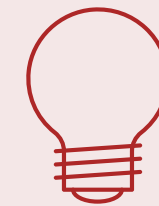
Our Goals

What featureSage offers



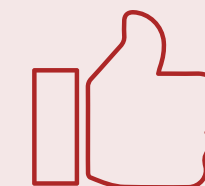
NARRATIVE APPROACH:

Unlike dry technical documentation, FeatureSage's podcasts breathe life into features, making them relatable and exciting.



DIVERSE PROJECTS:

Open source or proprietary, big or small – FeatureSage covers a kaleidoscope of projects, ensuring a broad spectrum of inspiration.



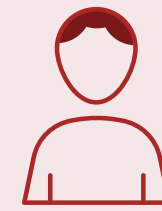
ACCESSIBLE KNOWLEDGE:

Developers and users alike can dive into episodes during commutes, workouts, or downtime, making learning seamless.



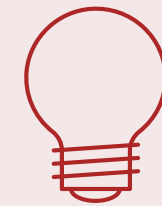
The Benefits

How featureSage helps



DEVELOPERS:

Easier communication of feature potential, leading to increased adoption and community engagement.



USERS:

Clear understanding of how features solve their problems, fostering user satisfaction and loyalty.

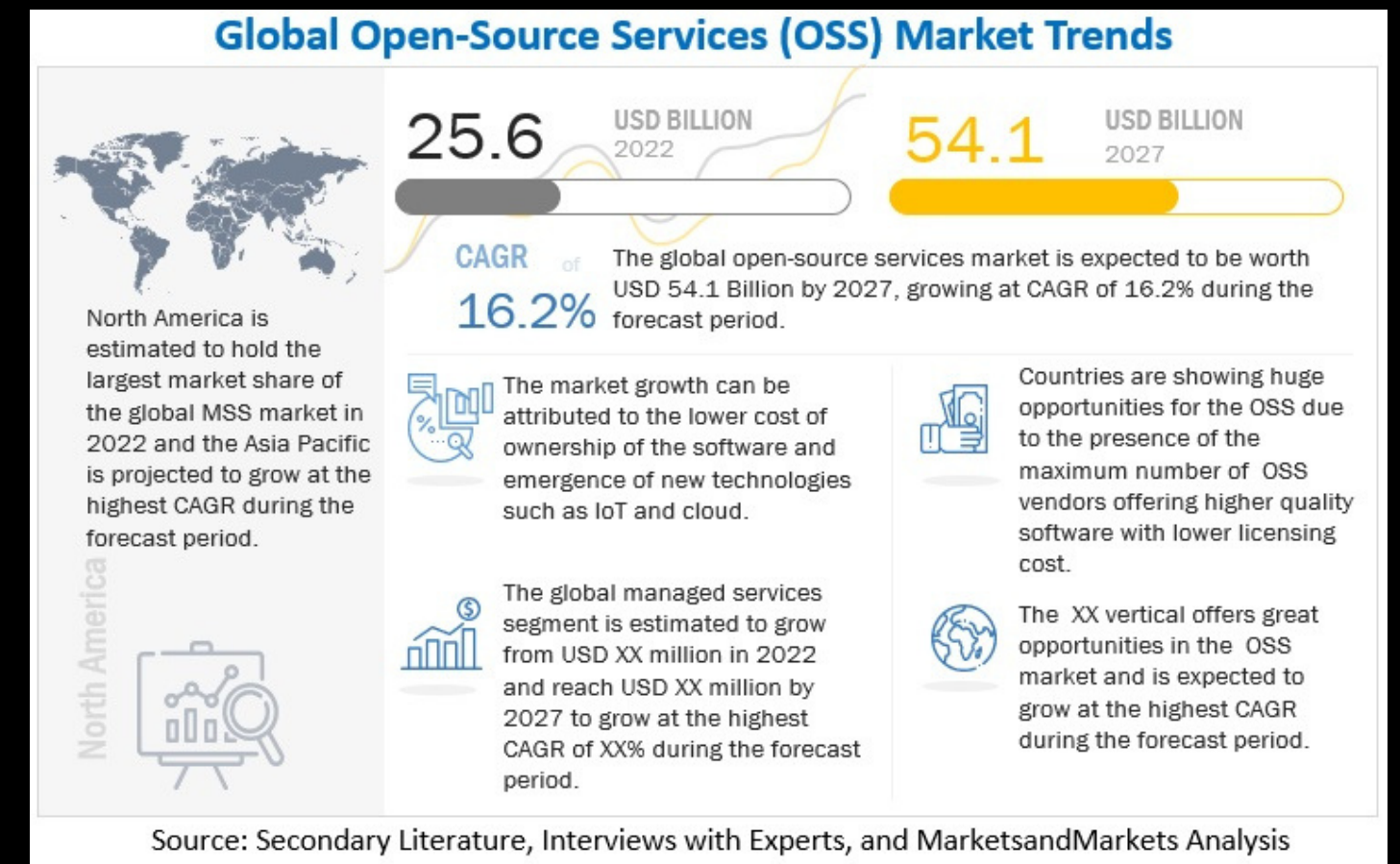
Global Open-Source Service Market Trends

As per [Open-Source Market Report by marketsandmarkets.com](https://marketsandmarkets.com)

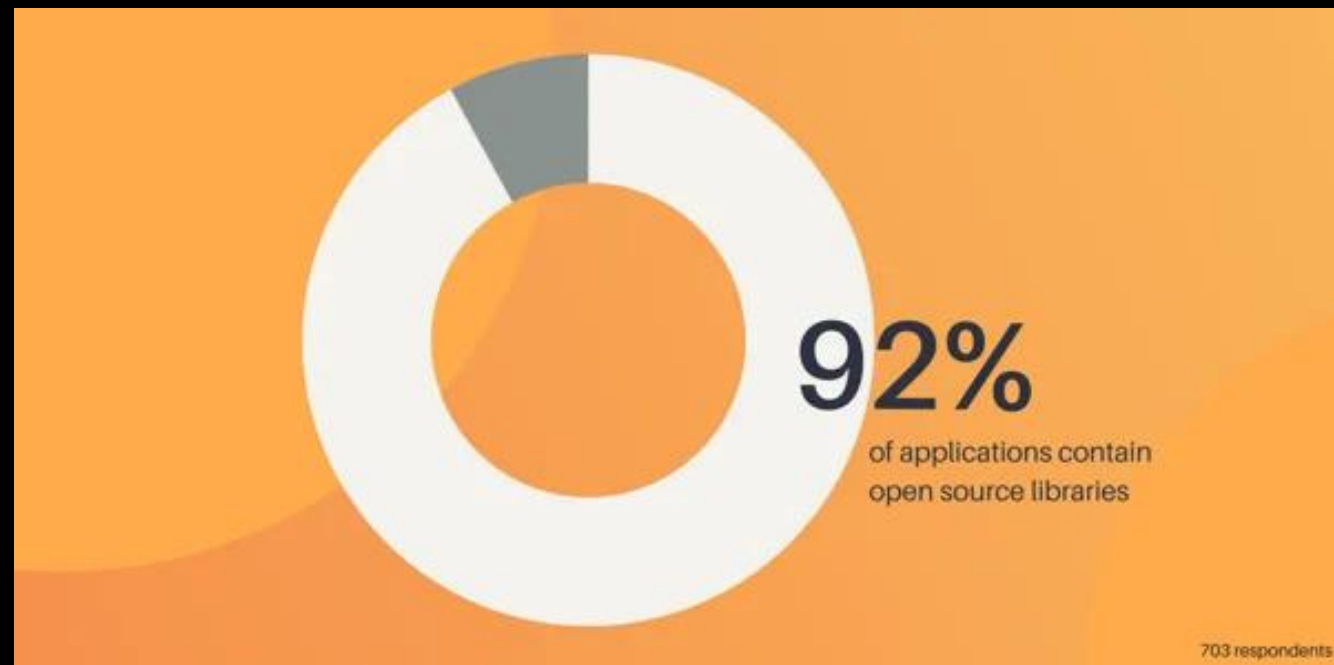
25.6 USD Billion 2022

54.1 USD Billion by 2027

- The Global open-source services market is expected to be worth USD 54.1 Billion by 2027.
- Global Open-Source Service companies are experiencing rapid growth by providing scalable and accessible software solutions, **often integrating APIs**, to meet diverse business needs and enhance operational efficiency.
- **“Open-source software is the foundation of 99% of the world’s software,”** said Martin Woodward, VP of developer relations at GitHub. - As per [GitHub’s Octoverse report](#) found on Venturebeat.



Open source is everywhere



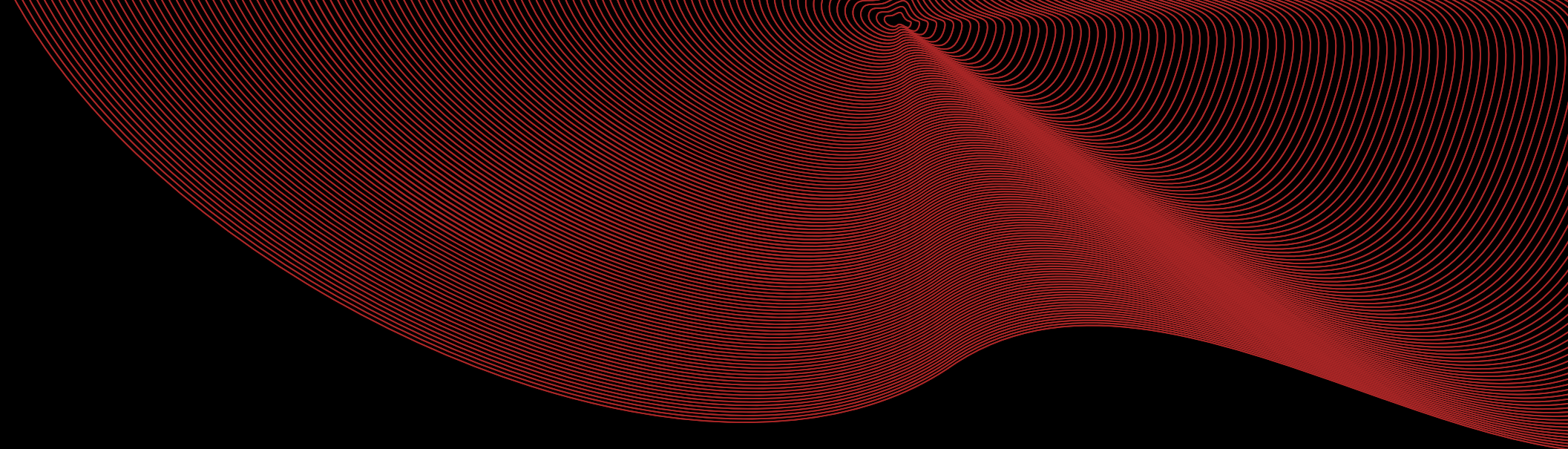
According to those we surveyed, 92% of their applications contain open source libraries.

In fact, more than two thirds of survey respondents said that 100% of their applications make use of some open source dependencies. Even those that didn't report the 100% figure still said that the majority of their applications have open source components.

Open source has also penetrated companies of all sizes, from those with small development teams to those with massive scale.



[Open Source Survey by Tidelift.](#)



In the midst of the **open-source revolution**, an avalanche of tech documentation has inundated the landscape. But the real challenge isn't the volume – it's comprehending and contextualizing this sea of information.

That's precisely where FeatureSage emerges, transforming tech features into captivating narrative podcasts.

Use Cases Help Sell Digital

Use cases enable IT suppliers to speak about solutions in terms of their benefits, rather than just the details of the technology.

Whether in 60-second pitches in an elevator, introductory emails, or white papers and project proposals, use cases can be valuable reference points for establishing business relationships.

Name a pain point and its impact. If it hits the mark, the prospect will likely tell you their issue. If you are wrong, the prospect will probably correct you. In either case, you are focused on them and learning about their challenges.

Companies are leveraging real-world scenarios to spotlight their digital products. But it's not just about the features themselves; it's about the compelling stories that breathe life into these features.

[From a IDC Featured Blog.](#)



Potential revenue streams for our web app, **featureSage**

Subscription Tiers

Exclusive Content

Ad Sponsorships and Endorsements

Recruitment and Job Listings

Exclusive Workshops and Events

Merchandising

Crowdfunding or Donations

Affiliate Marketing

Collaborative Content

Data Analytics and Insights

Sponsored Challenges or Hackathons



Subscription Tiers

- Basic Tier: Offer free access to a selection of podcast episodes with advertisements.
- Premium Tier: Introduce a paid subscription plan that provides ad-free access to all episodes, early access to new content, and exclusive bonus episodes.

Exclusive Content

- Create premium podcast episodes, deep dives, or behind-the-scenes content exclusively for subscribers.
- Offer special interviews with renowned developers, tech influencers, or industry experts available only to premium subscribers.

Ad Sponsorships and Endorsements

- Collaborate with tech companies to sponsor episodes or series related to their products.
- Feature sponsored content or endorsements within episodes, clearly distinguishing them from regular content.

Recruitment and Job Listings

- Partner with tech companies and startups to showcase their work culture, job opportunities, and tech projects.
- Charge companies a fee to list job openings or tech-related positions on your platform.



Exclusive Workshops and Events

- Organize virtual workshops, webinars, or Q&A sessions with industry experts.
- Charge participants a fee to attend these exclusive educational events, providing an interactive experience.

Merchandising

- Design and sell branded merchandise related to the podcast, such as t-shirts, mugs, stickers, etc.
- Offer these products as rewards for premium subscribers or as limited-time promotions.

Crowdfunding or Donations

- Set up a Patreon or similar crowdfunding platform to allow listeners to support the podcast through donations.
- Offer special perks or rewards for different donation levels.

Affiliate Marketing

- Partner with relevant tech tools or services and include affiliate links in your show notes or on your website.
- Earn a commission for every user who signs up through your affiliate link.



Collaborative Content

- Partner with tech conferences, workshops, or events to cover their highlights through podcast episodes.
- Charge event organizers for producing and promoting special event-related content.

Data Analytics and Insights

- Provide insights to tech companies based on user engagement data and preferences.
- Offer premium data analytics packages for companies seeking audience insights.

Sponsored Challenges or Hackathons

- Organize coding challenges, hackathons, or tech-related contests in collaboration with sponsors.
- Charge sponsors for featuring their challenges and engaging the community.



Next Steps/Backlog

Expanding the tech side of your web app involves a strategic approach that aligns with our long-term goals and user needs.

Enhanced Content Curation

Interactive Features

User-generated Content

Annotations

User Profiles and Playlists

Platform Integrations

Podcast Creation Tools

Monetization Tools

Advanced Search and Filters

Community Engagement

AI-powered Insights

Gamification Elements



Enhanced Content Curation

- Implement advanced recommendation algorithms to suggest podcast episodes based on user preferences, listening history, and trending topics.
- Introduce personalized playlists or collections that group related episodes for a seamless listening experience.

Interactive Features

- Incorporate interactive elements within podcast episodes, such as quizzes, polls, and surveys.
- Allow listeners to submit questions for hosts or guests, creating a more engaging and participatory experience.

User-generated Content

- Enable users to submit their own tech-related stories, experiences, or feature discussions in audio format.
- Implement a review and approval process to ensure quality and relevance.

Annotations

- Provide full episode transcripts to enhance accessibility and allow users to search for specific content within episodes.
- Allow users to add annotations or notes to specific parts of an episode for future reference.



Community Engagement

- Implement discussion forums, comment sections, or live chat during podcast episodes to foster a sense of community.
- Enable listeners to share their thoughts, questions, and insights related to each episode.

AI-powered Insights

- Utilize natural language processing (NLP) algorithms to extract insights from podcast content.
- Offer users a summary of key points, trends, or insights from episodes they've listened to.

Gamification Elements

- Introduce gamification features, such as earning badges or rewards for completing episodes, engaging with interactive content, or participating in challenges.

User Profiles and Playlists

- Develop user profiles where listeners can track their listening history, favorite episodes, and customized playlists.
- Allow users to share their profiles and playlists with others.



Advanced Search and Filters

- Expand the search functionality to allow users to search for specific terms, guests, or topics within episodes.
- Implement advanced filters to refine search results based on criteria like episode length or release date.

Monetization Tools

- If not already implemented, build the infrastructure for subscription plans, ad placements, and exclusive content access.
- Develop a user-friendly interface for managing subscriptions and payments.

Podcast Creation Tools

- Offer podcast creators a platform to easily upload, edit, and manage their content.
- Provide tools for content scheduling, episode metadata, and analytics tracking.

Platform Integrations

- Integrate with external platforms, such as podcast hosting services, social media networks, and analytics tools.
- Enable users to share their favorite episodes directly to their social media profiles.



● featureSage

Unveiling Tech Possibilities Through Narrative Podcasts



Watch our Trailer

Hosted by AI Agents

👋 Hey there, tech enthusiasts and dreamweavers!

Are you ready to embark on an exhilarating journey that will reshape the way you perceive tech features?

🌟 Introducing FeatureSage, the groundbreaking web app that's about to revolutionize the world of open source and proprietary projects!

Our Latest Endeavours



React →

React is a free and open-source front-end JavaScript library for building user interfaces based on components



Godot →

Godot is a cross-platform, free and open-source game engine.



React

Features

Custom Hooks

While custom hooks can greatly improve code organization and reuse, creating and using them effectively can be a challenge for some users. Deciding what should be extracted into a custom hook, understanding hook dependencies, and maintaining proper naming conventions can make custom hooks less commonly used by beginners.

Suspense

Suspense is a new feature that allows components to "wait" for something before they can render, such as data from an API.

Lazy Loading

Lazy loading is a way to load JavaScript components asynchronously so that the user's browser doesn't have to download all the JavaScript at once.

Listen to this story

Episode Title: "From Chaos to Cohesion: Crafting a Dynamic Form with Custom Hooks"

Podcast Host (PH): Welcome, fellow developers, to another enlightening episode of "Hooks Unleashed," the podcast that delves into the magic of React hooks and how they revolutionize our coding experiences. I'm your host Azax, and today, we have an inspiring story that showcases the true power of custom hooks. Get ready to dive deep into how one developer turned code chaos into cohesion using custom hooks!

PH: Picture this: A developer named Maya is building a sophisticated web application that requires a dynamic form with conditional fields, validation, and seamless state management. With me today is Maya herself, ready to share her journey of turning a complex task into an elegant solution. Welcome, Maya!

Maya (M): Thank you, Azax! I'm thrilled to be here and share my experience with custom hooks. PH: We're excited to hear your story, Maya. So, tell us about the challenge you faced while building that dynamic form.

M: Well, Azax, imagine needing a form that adapts based on user selections. Certain fields should appear only when specific options are chosen, and the form must handle validation and state changes gracefully. It's the kind of scenario where managing all these moving parts could easily turn into a spaghetti code nightmare.

PH: It sounds like a complex puzzle to solve. How did you approach it?

M: Exactly, Azax. That's when I turned to the power of custom hooks. I realized that the core logic for the form's dynamic behavior could be extracted into a custom hook, making my codebase cleaner and more maintainable.

PH: Fascinating! Could you walk us through how you implemented the custom hook?

M: Certainly! I created a custom hook called useDynamicForm that encapsulated all the logic for handling conditional fields, validation, and state management. Inside the hook, I used React's built-in useState to manage the form state and dynamically render fields based on user selections. I also leveraged the useEffect hook to perform validation checks and update the form state accordingly.

PH: That sounds like a robust solution. How did using this custom hook simplify your codebase?

M: Oh, it made a world of difference, Azax. My main component became cleaner and more focused. I simply used the useDynamicForm hook, passing in configuration options like field dependencies and validation rules. This separation of concerns not only made my code more readable but also allowed for easier testing and future modifications.

PH: Impressive, Maya! Could you share an example of how using this custom hook impacted your actual application?

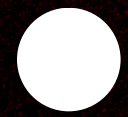
M: Certainly! One specific instance stands out. There was a point where we needed to add a new field that depended on multiple other fields' values. Thanks to the custom hook's modular design, I could implement this new behavior by adding a few lines of configuration to the hook itself, rather than having to refactor multiple places in the main component. It saved me hours of potential headaches!

PH: That's incredible! Custom hooks truly seem to be a game-changer. So, how would you summarize the key takeaways from your experience?

M: Absolutely, Azax. Custom hooks are more than just a way to share stateful logic; they're a means to transform complex challenges into elegant solutions. By encapsulating complex logic in a custom hook, I was able to tame the complexity of my dynamic form and keep my codebase organized and manageable.

PH: Thank you so much, Maya, for sharing your inspiring journey with us. Your experience truly highlights the beauty of custom hooks and how they can elevate our coding experiences.

M: Thank you, Azax, for having me. Remember, fellow developers, when faced with complexity, think in terms of custom hooks – a path from chaos to cohesion in your codebase! PH: And there you have it, listeners! Custom hooks are more than just a concept; they're a tool that empowers us to tackle intricate challenges with clarity and confidence. Stay tuned for more stories of how hooks are shaping the future of React development. Until next time, keep hooking into the future!



FeatureSage

Connect with us.

EMAIL

aswinkumarbehera@gmail.com

debadattahembram@gmail.com

srjkumarsuna@gmail.com