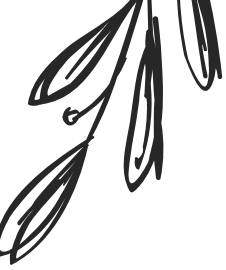


Seems Good Enough to Me

Working With Testers to Derisk Elixir Upgrades



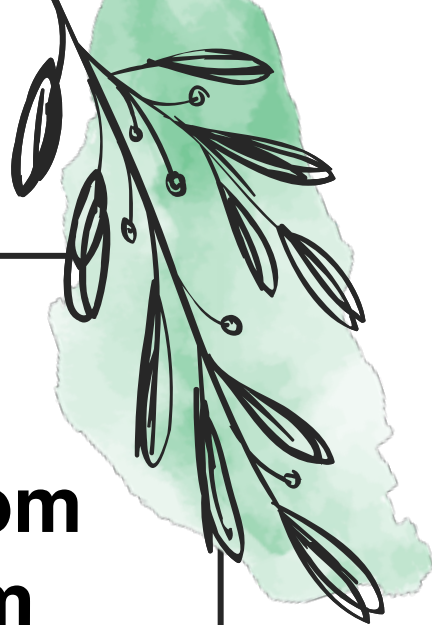


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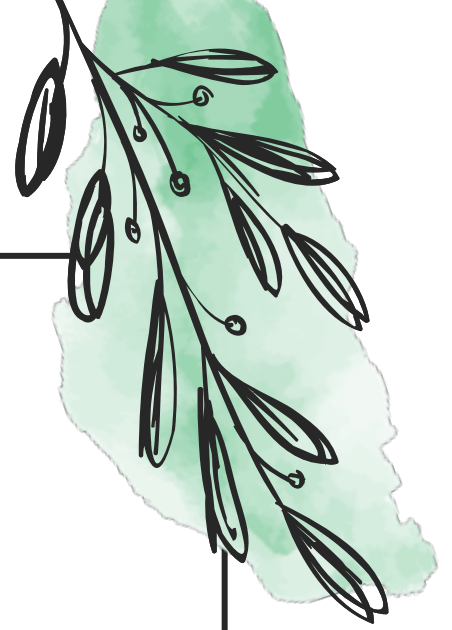
- Director of Quality Engineering, Papa
- Tester by nature and nurture
- Pronouns are she/her
- I have stickers!



**I don't think I need to
convince anyone in the room
that keeping our ecosystem
up to date is a good thing.**



**What problem do we
want to solve?**



What problem do we want to solve?

- Upgrades are risky but necessary.
- Most parts of our teams don't understand how risky upgrades are or are not.
- Regression testing takes forever and uses a lot of our resources.
- If we mess up, it could be real bad.



@jennydoesthings



Jenny Bramble

Apr 4, 2020 · 🧑

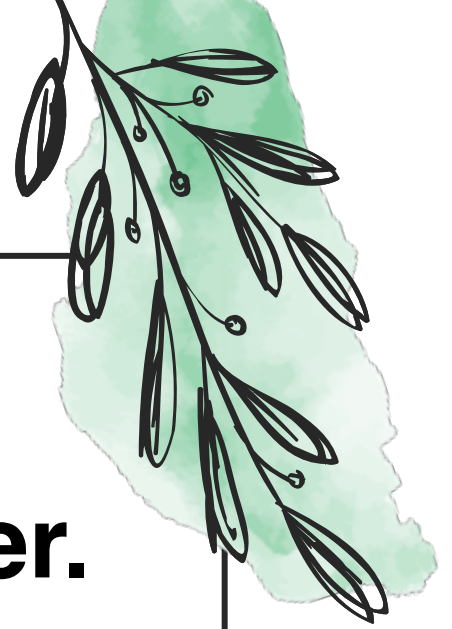
All of the plants with stickers on them are up higher than he can reach. I do not know how this happened. Dax does not know either.



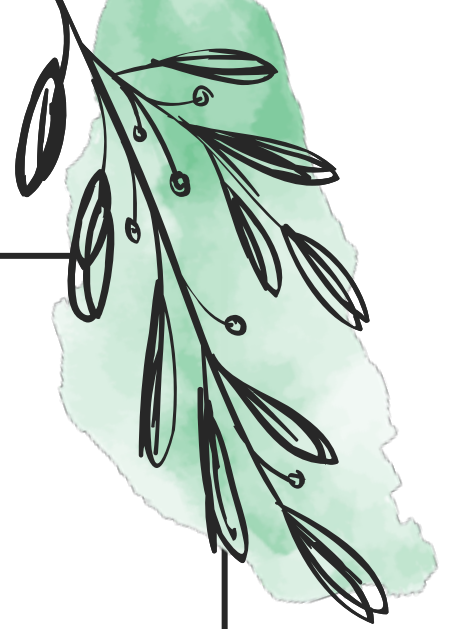
**How do we make
upgrades less risky?**



I have an easy answer.



Do less testing.



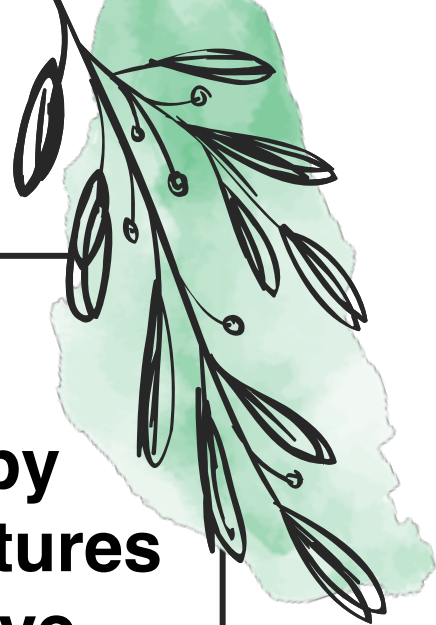
@jennydoesthings



**How do we make
upgrades less risky?**



I believe we derisk upgrades by testing the smallest set of features that give us confidence to move forward.



**That seems
obvious, right?**



Let's talk about 'good enough testing'.



Good Enough Testing

- Thoughtfully and intentionally craft test scenarios
- Detail what we aren't testing and why
- Don't thrash
- Don't toil
- Prioritizes whitewater kayaking and hiking



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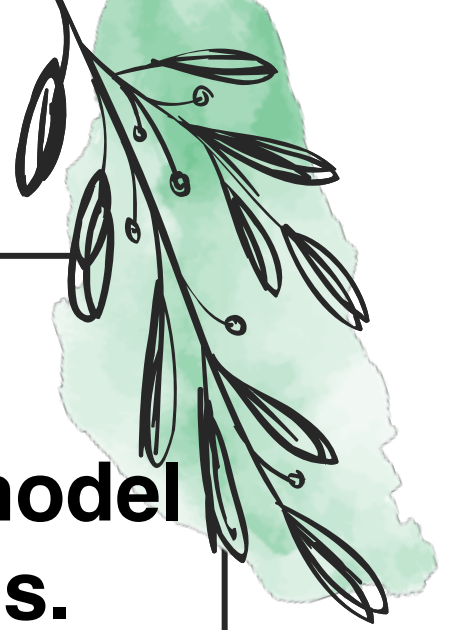


Good Enough Testing

- Thoughtfully and intentionally craft test scenarios
- Detail what we aren't testing and why
- Don't thrash
- Don't toil
- Prioritizes work-life balance



**Testers hold the mental model
of the system in our minds.**



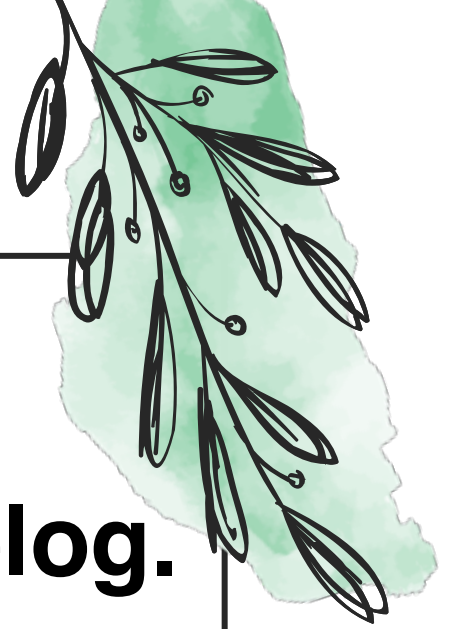
**How do we express
that in upgrades?**



**Spoiler alert: this isn't
going to be a radical shift.**



Start with the changelog.



Now communicate it.



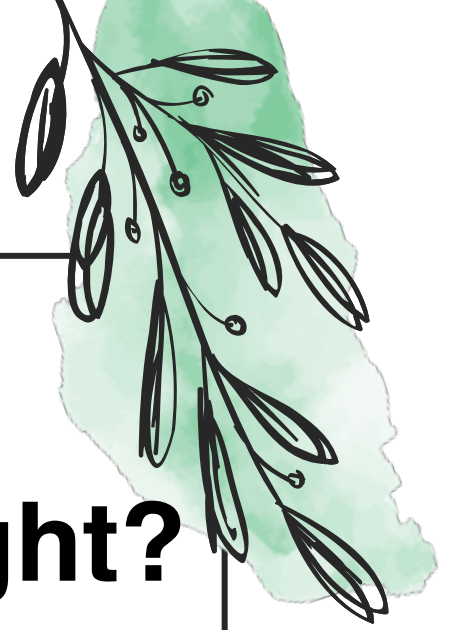
For each thing we think will affect us, determine its risk profile.



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What if we get it right?



**How would this express
if we missed something?**



Do we care?



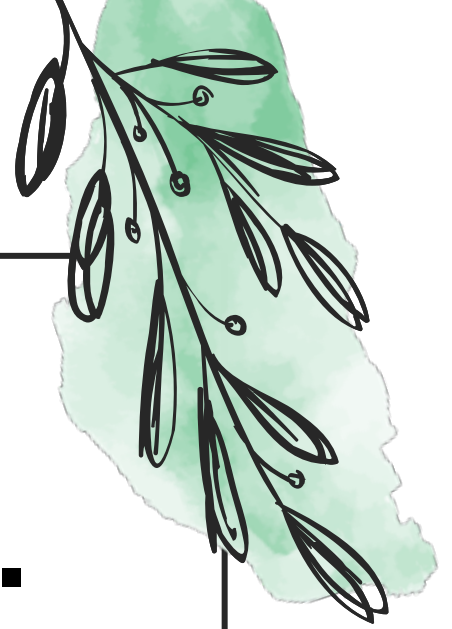
How will we monitor and observe?



**Stop throwing things
over the wall...**



....to production.



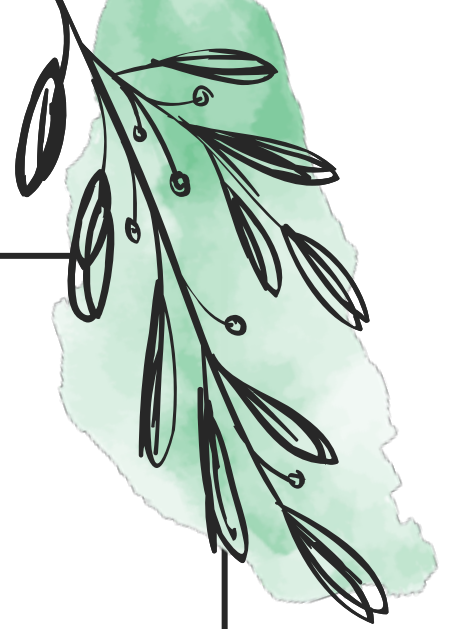
How will we monitor and observe?



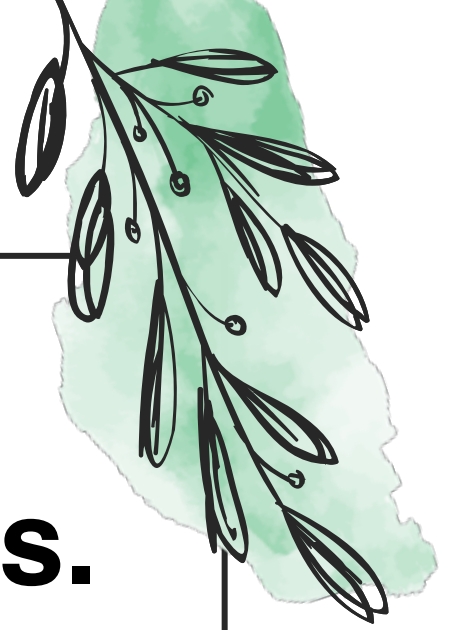
Taadaa, risk profile!



Craft scenarios.



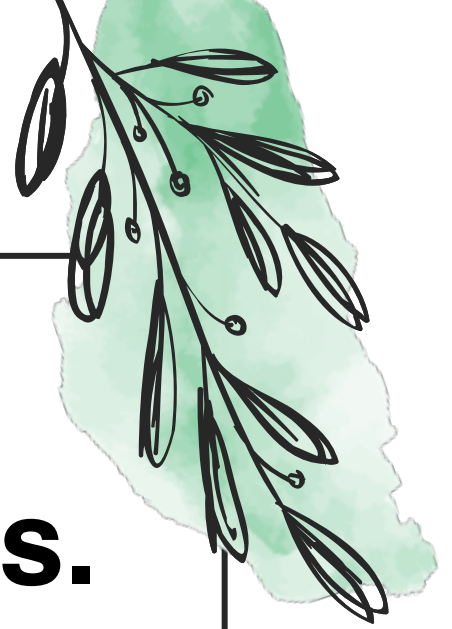
Defend yourselves.



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Defend yourselves.



elixir

elixir

elixir

elixir



**This is how we introduce
nuance to our testing.**



**This is how we derisk
upgrades.**



To recap:



Do less testing.

- Craft thoughtful, intentional scenarios.
- Describe what we aren't testing and why.
- Embrace minimalism.



Communicate more.

- Share your plans.
- Defend your plans.
- Give others a reason to trust you.



Questions?

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