

User Needs Driven leadership

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Outline

Background & learning
Approach, solutions & KPIs
Join us

Background & learning



ubuntu[®]

Capistrano + TeamCity



JS

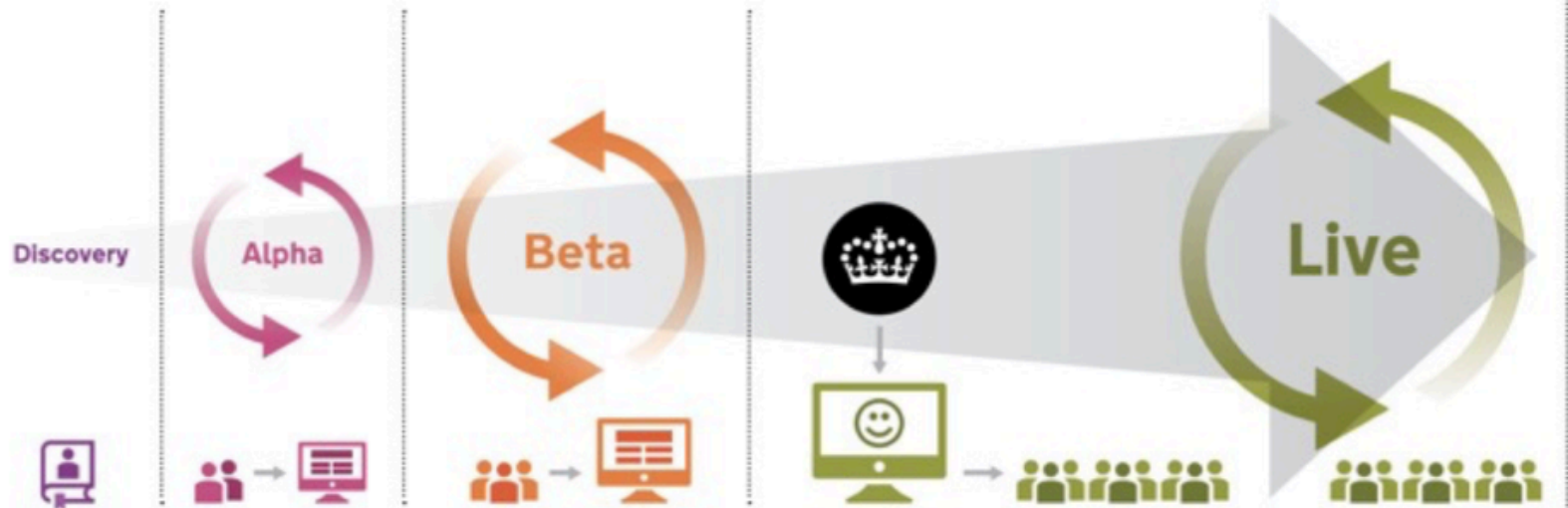
RANCHER



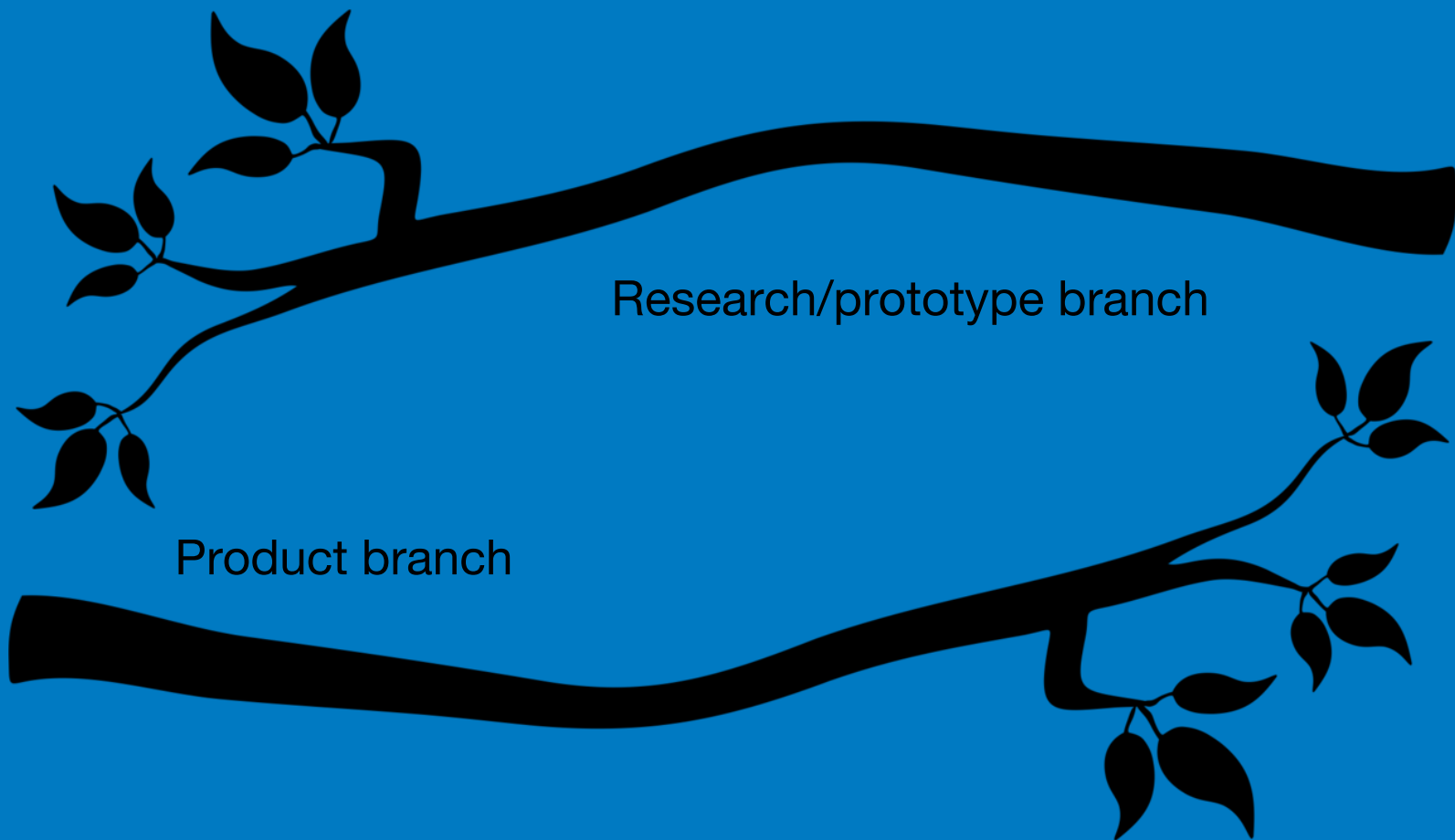
Travis CI + TeamCity



User needs



Beta stage



Research/prototype branch

Product branch

Improved product

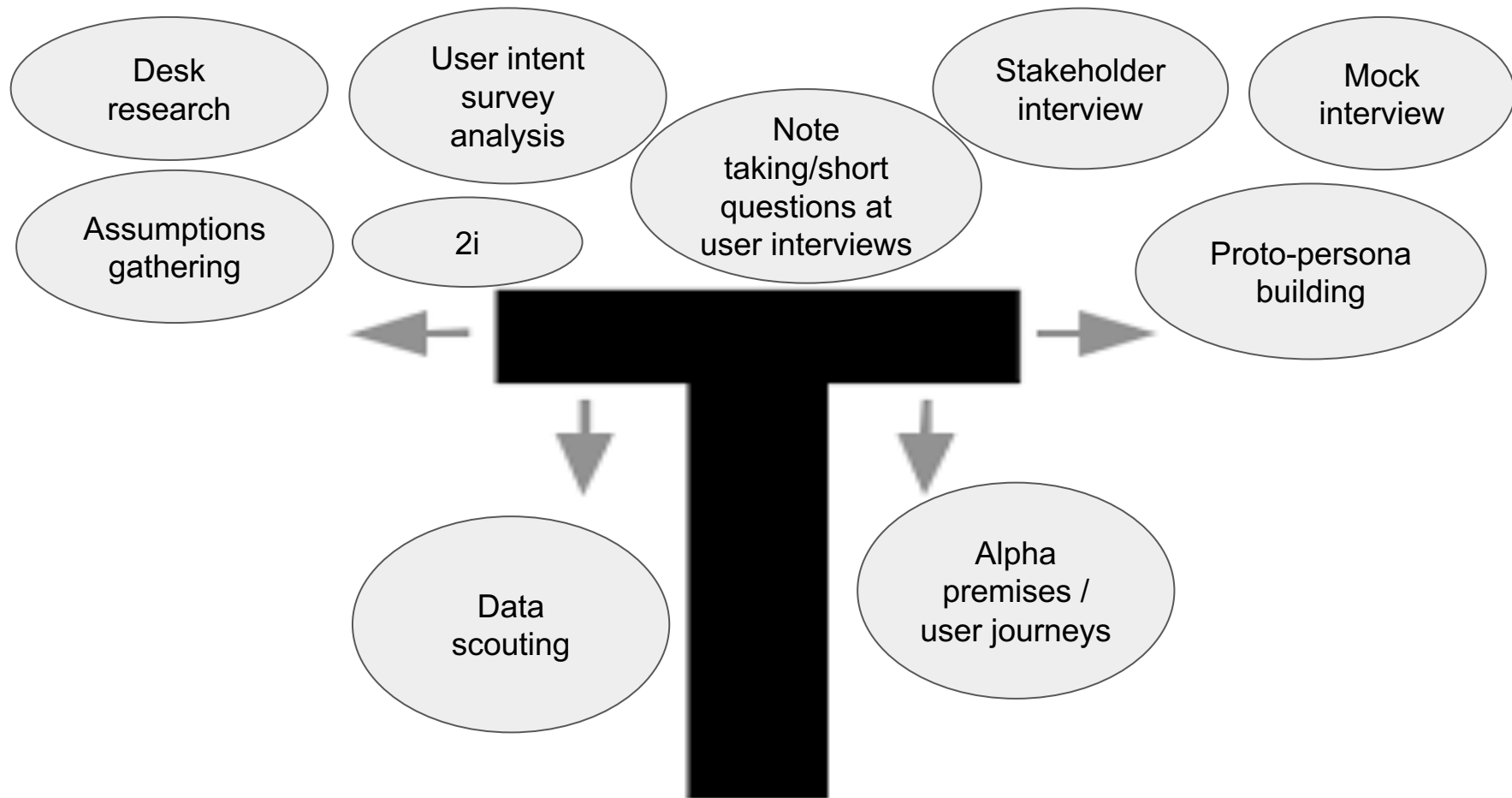
Experimental
branches



Cross-functional
pairing

Shorter feedback
loops

Discovery stage



Inter-team collaboration stage

Reg GP

register-with-a-gp-reg

ES-HOST

ing: register-with-a-gp-reg: 1.29.?

(updated to use
the 'profiles' index)

Profiles DB Elastic GP Reg

profiles-db-elastic-gp-reg

ing: profiles-db-elastic: 0.3.0

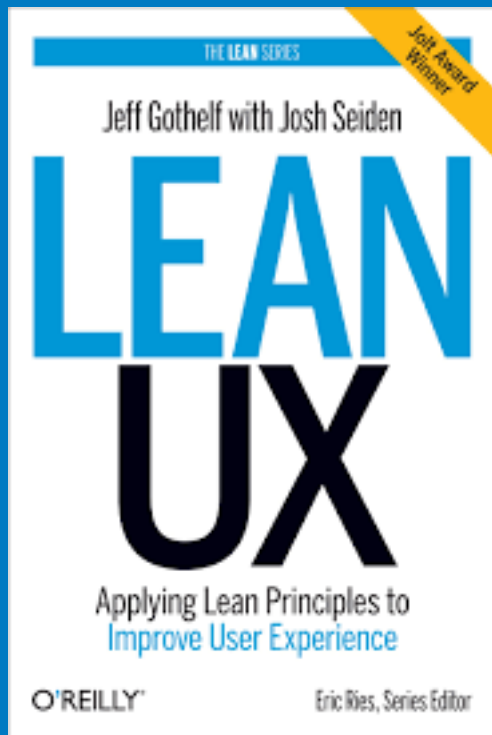
ES-HOST-PROFILES

(suggestion to use
elasticsearch-
updater-snapshot
: 20180905)

Elasticsearch Updater

elasticsearch-updater-profiles

ing: elasticsearch-updater: 0.3.2



**Dev team lead application
stage**

SOFTWARE DEV PROF.

DEV

SPINE

IT DEV

DEV

NHS DIGITAL

Domain A

NHS UK

DPM
PROD

TECH DELIVERY

DEV

RELEASE

OPS

INFOSEC

QA

PERF

ARCA

SD



I'll be focusing on user needs, in my case the developers', wider tech teams' and senior stakeholders' (via KPIs)

Community problem

***As a developer on live |
#nhsbeta | CMS | ring-fenced
team***

I want ...

***So that I can share my
knowledge & contribute***

*As a dev | tech | _insert
specialism_ lead
I want ...*

*So that I can identify patterns
and suggest/enable solutions*

Introducing Tech Reviews / Tech Q&A

KPI: Improve the development community of practice by increasing collaboration & foster sharing

Implementation problem

As a developer
I want to be able to make
suggestions of improvement
to the status quo
So that the team I'm in can
operate more efficiently

As a dev lead

***I want to* be able to collate
central ideas from talented
devs**

***So that* improvements can be
shared across teams**

Continuous improvement board

KPI: Through the transition to the new technology stack, learn from past mistakes and improve processes

Join us

**We are looking for a dev team
lead to join NHS.UK**

Polyglot senior dev
wanted (we have teams
that work in Python, JS
(Node), Ruby and C#)

50% delivery within a
product team

50% strategy – we are 40
developers & 150 within
the Software Dev
profession @NHSDigital

Contact Sean on
sean.craig@nhs.net with
your CV and we can take
it from there

Thank you. Any questions?