spatial dimension

AN MS GROUP BUSINESS

flexicadastre

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# SOFTWARE DEVELOPMENT & RELEASE CYCLE

# WHERE'S THE METHOD IN THE MADNESS?

**Isabel Muller**

flexicadastre

spatial dimension
AN MS GROUP BUSINESS

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# THE MADNESS: CLIENTS ARE ASKING…

How do you keep straight among the different client's code?

What is the difference between development, beta and release code?

Why do I need more than one FlexiCadastre instance?

When will I receive the functionality that I have requested?

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When are you going to fix my bug?

What should I do with release notes?

How do you test FlexiCadastre?

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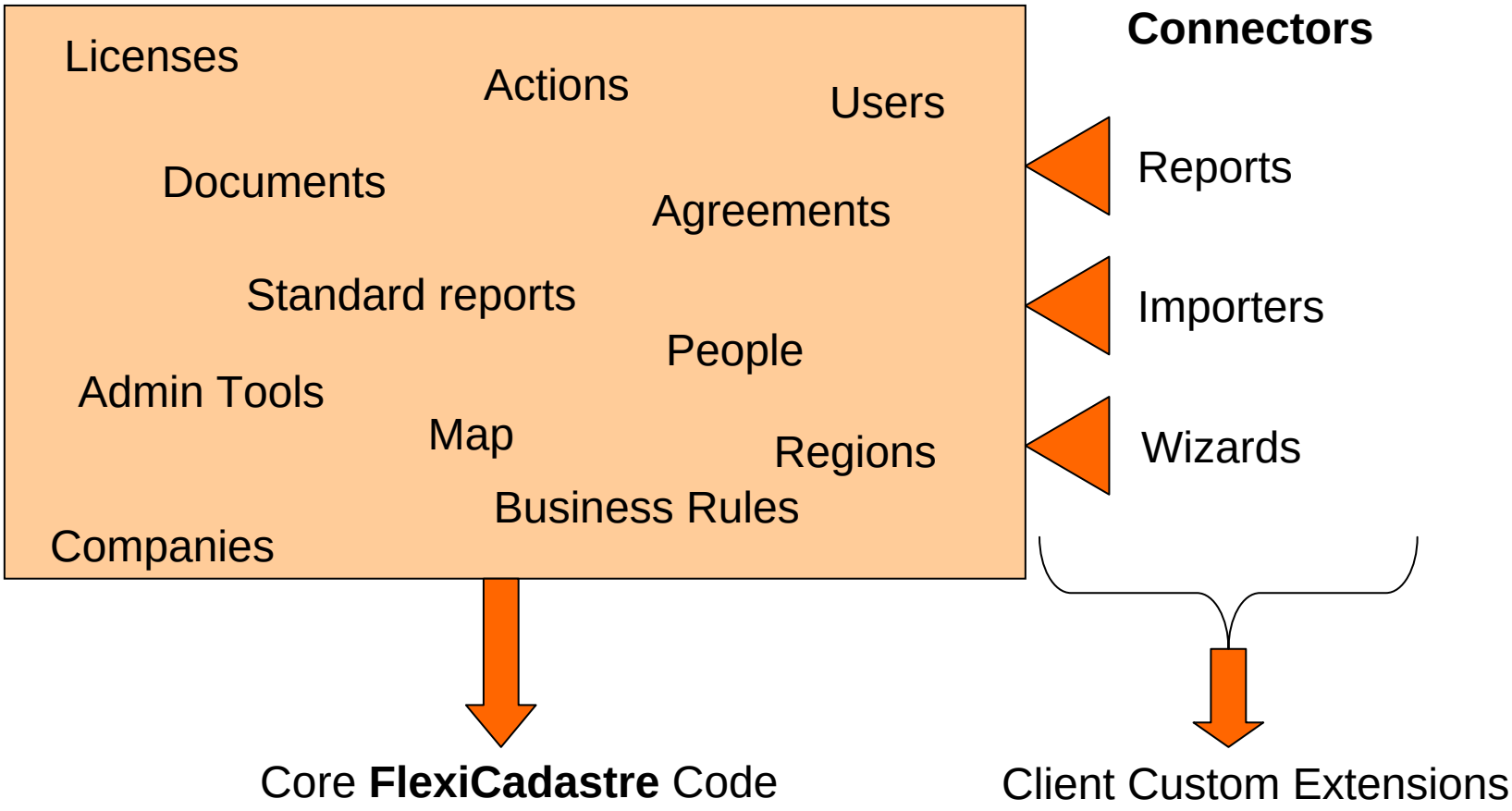
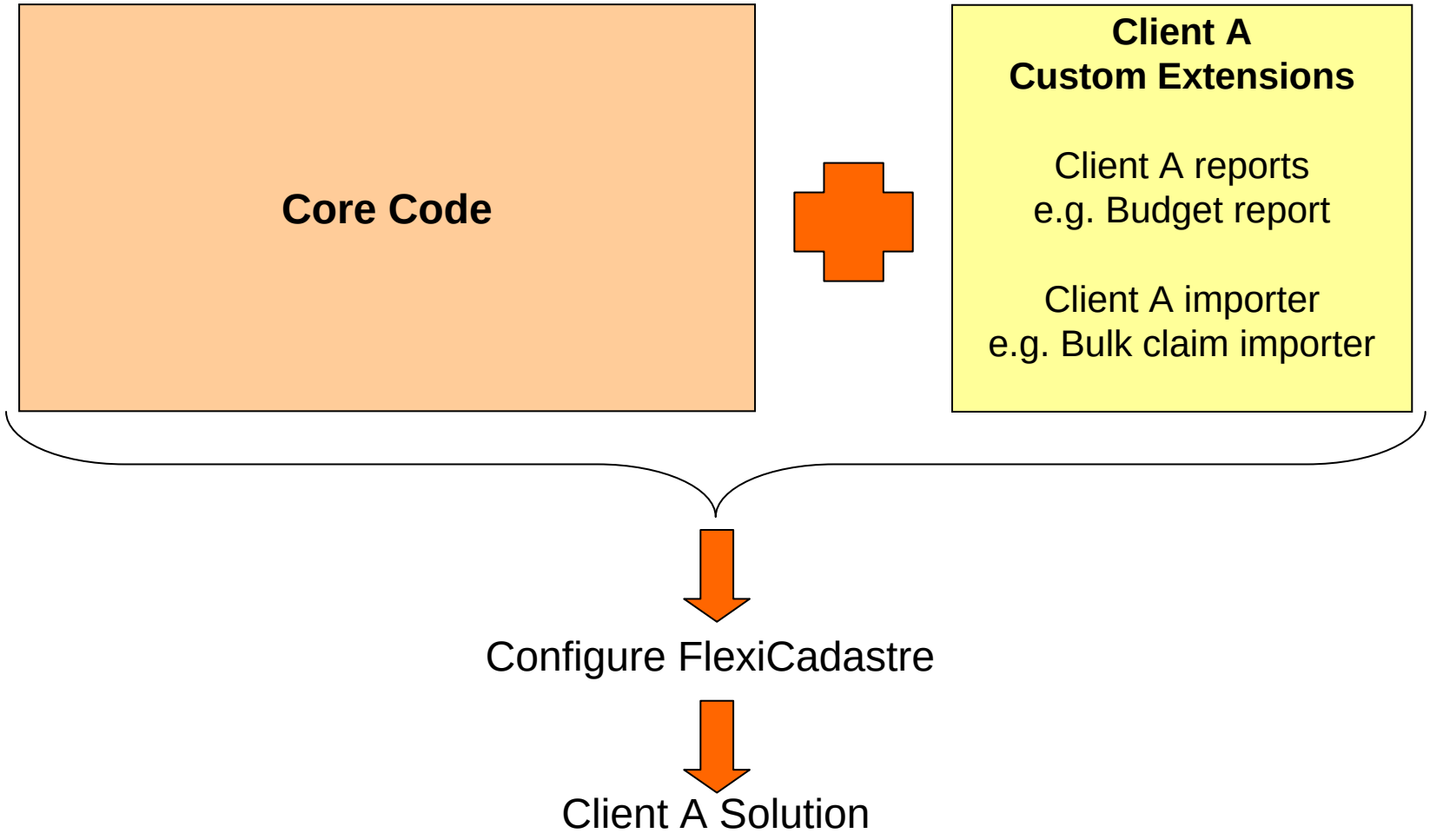
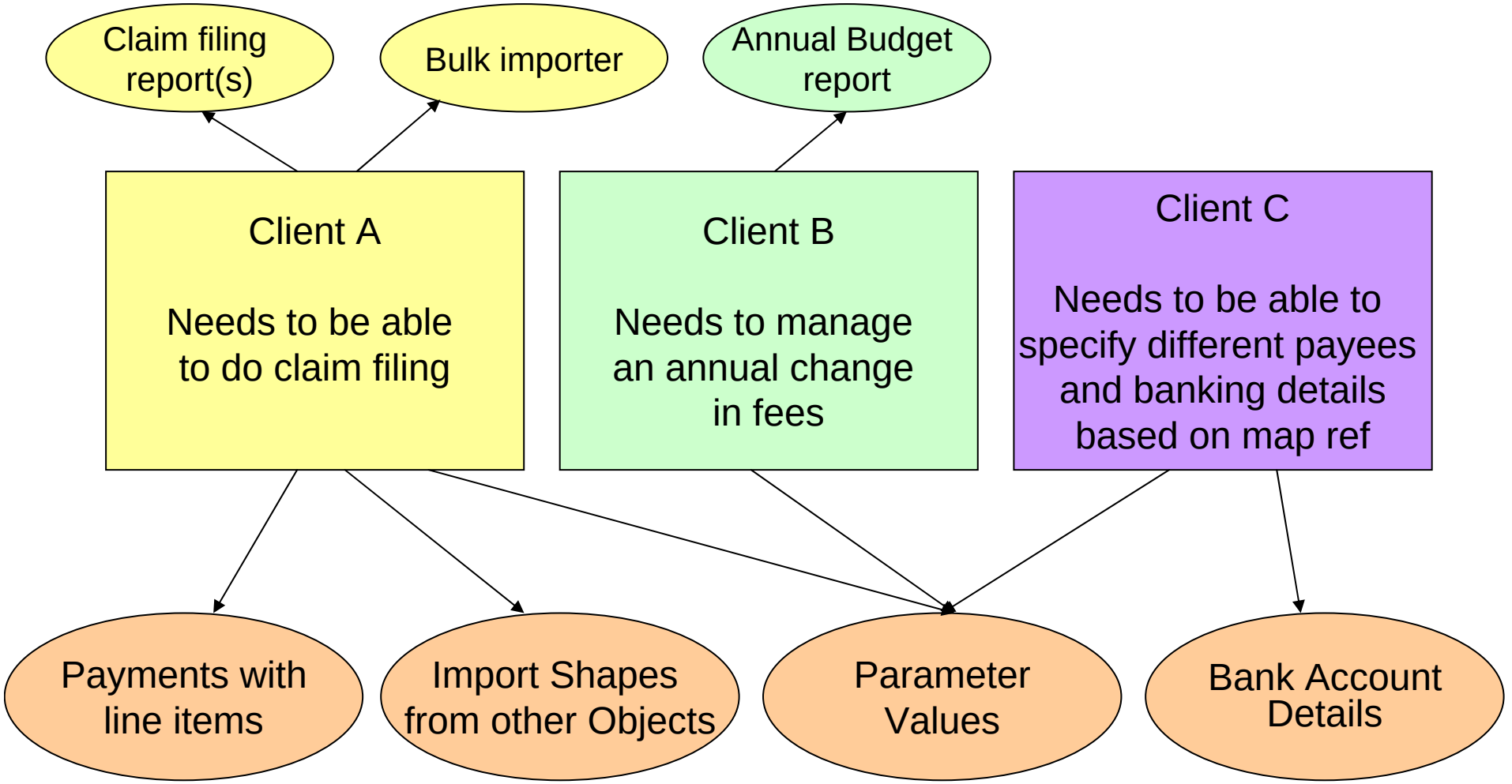
# CORE FlexiCadastre CODE



# CLIENT SOLUTION



# ADDRESSING CLIENT NEEDS



# SOLUTION: CLIENT A

**Needs to be able to do claim filing**

**Core Code**

+ Payments with line items
+ Parameter Values
+ Bank Account Details
+ Import Shapes from other Objects

**Client A custom extensions**

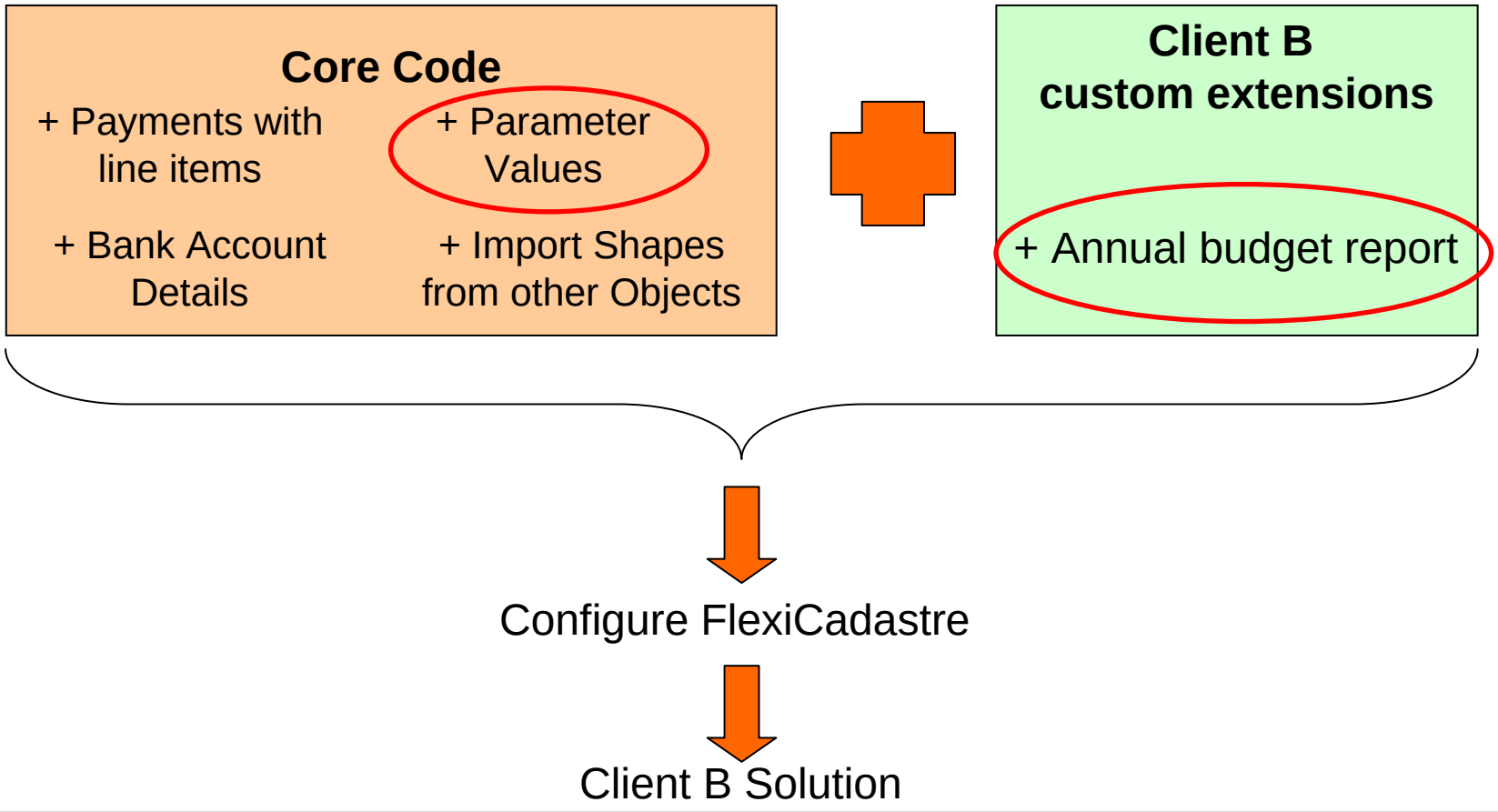
+ Claim filing report(s)
+ Bulk importer

Configure FlexiCadastre

Client A Solution

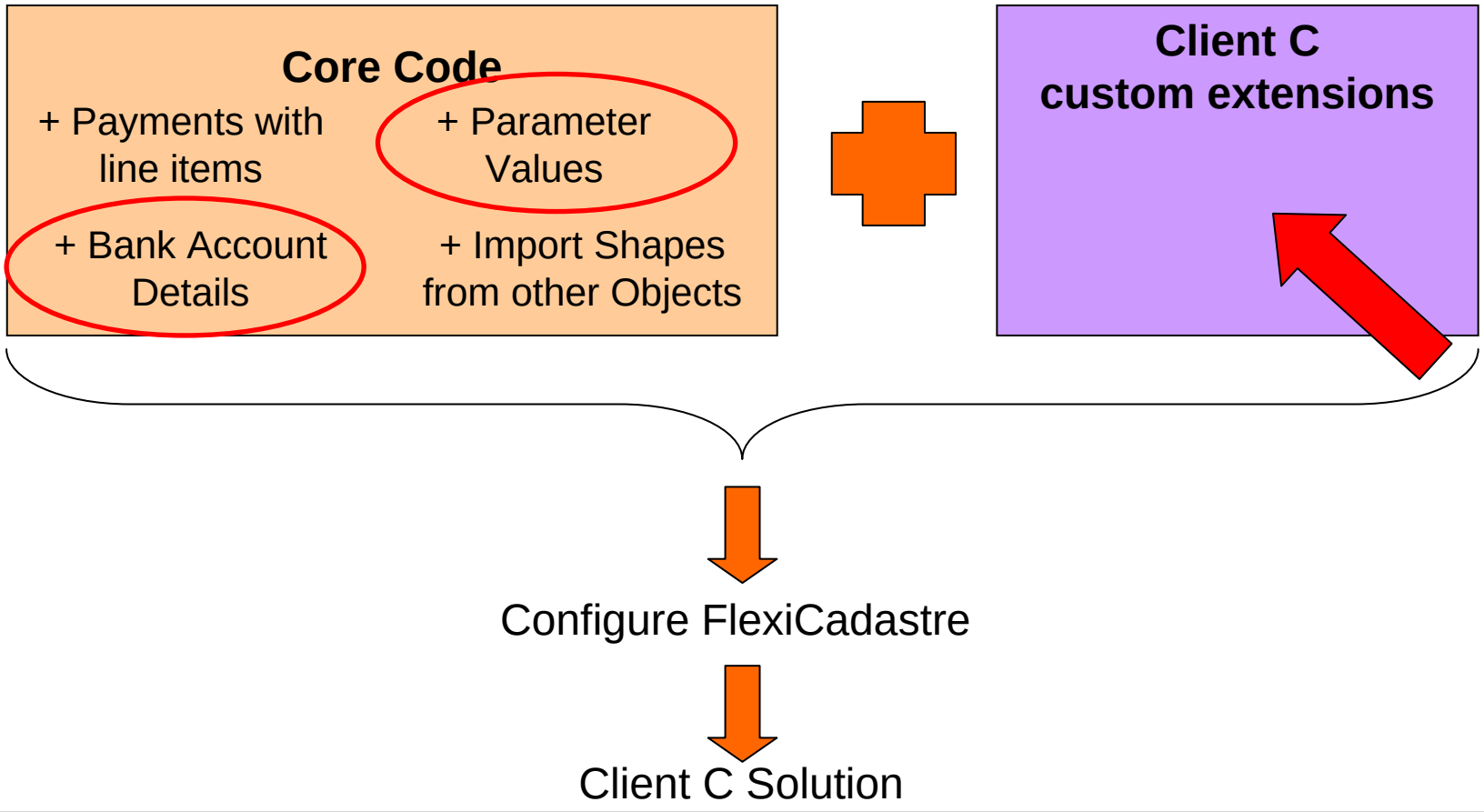
# SOLUTION: CLIENT B

**Needs to manage an annual change in fees**

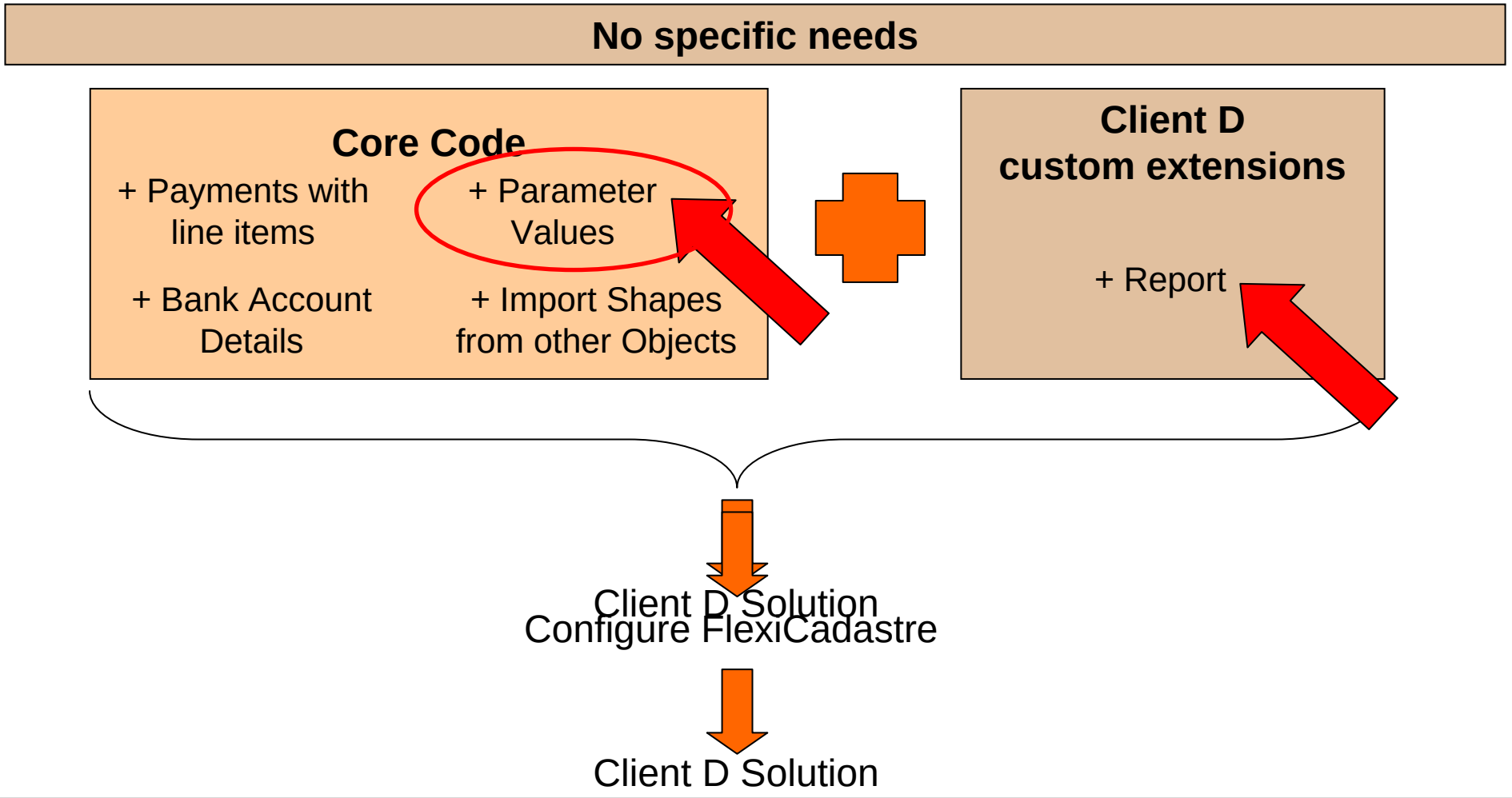


# SOLUTION: CLIENT C

**Needs to be able to specify different payees and banking details based on map refs**

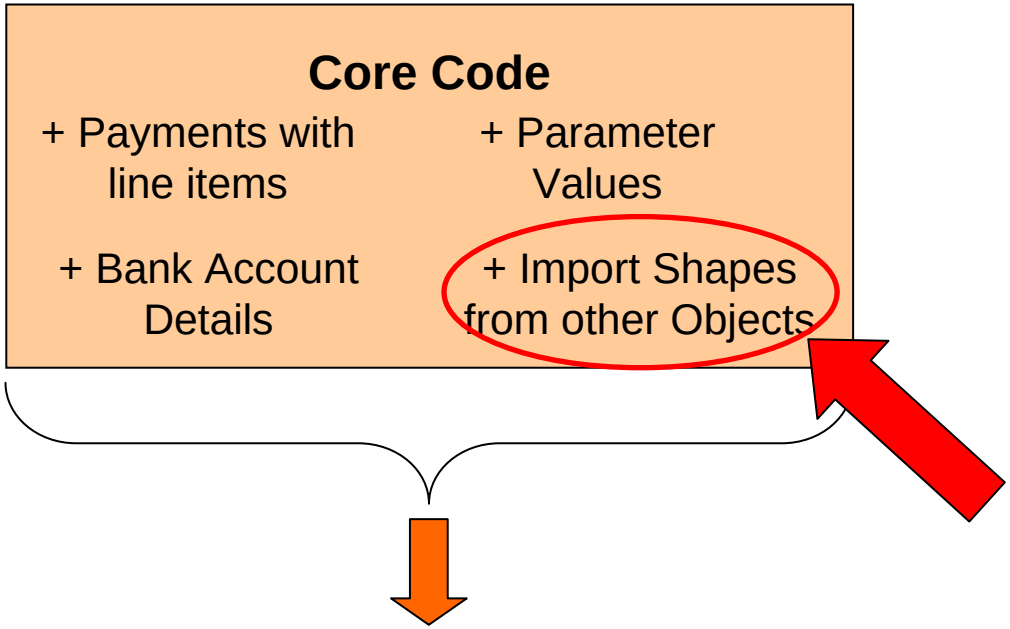


# SOLUTION: CLIENT D



# SOLUTION: CLIENT E

**No specific needs**



# A QUESTION ARISES

- How do I identify new, exciting enhancements which I can use in my solution?

- More on this later…

# THE METHOD…

How do you keep straight among the different client's code?

What is the difference between development, beta and release code?

Why do I need more than one FlexiCadastre instance?

When will I receive the functionality that I have requested?

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How do you test FlexiCadastre?

How should I test FlexiCadastre?

# BUG FIXES

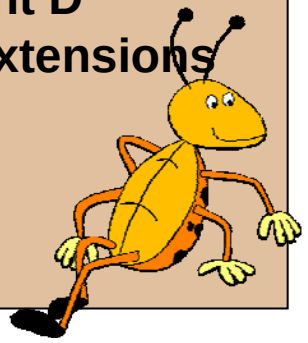
Core Code

Client A
Custom Extensions

Client C
Custom Extensions

Client B
Custom Extensions

Client D
Custom Extensions



# THE METHOD…

How do you keep straight among the different client's code?

What is the difference between development, beta and release code?

How does updates on core code and custom extensions get to clients?

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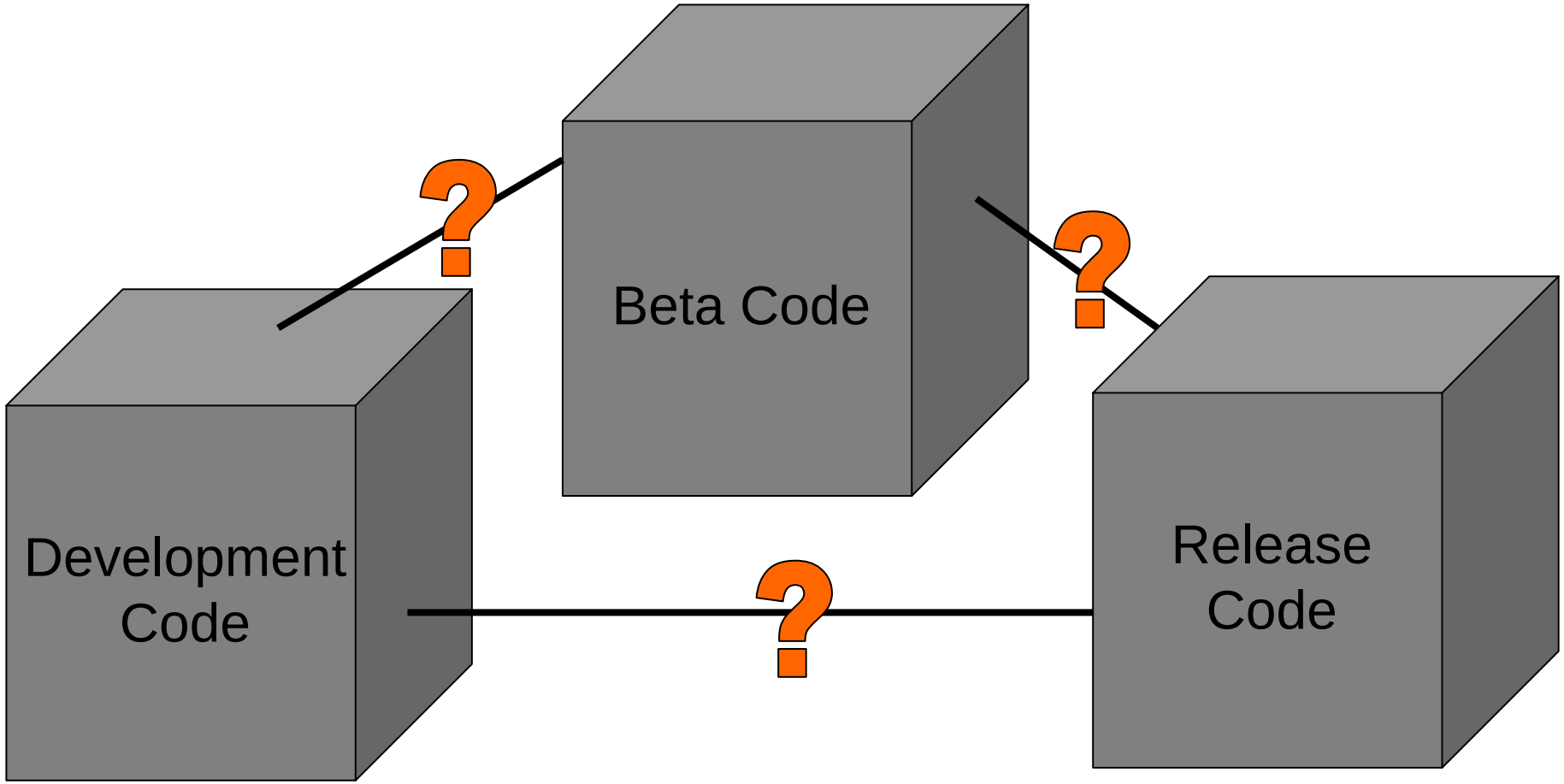
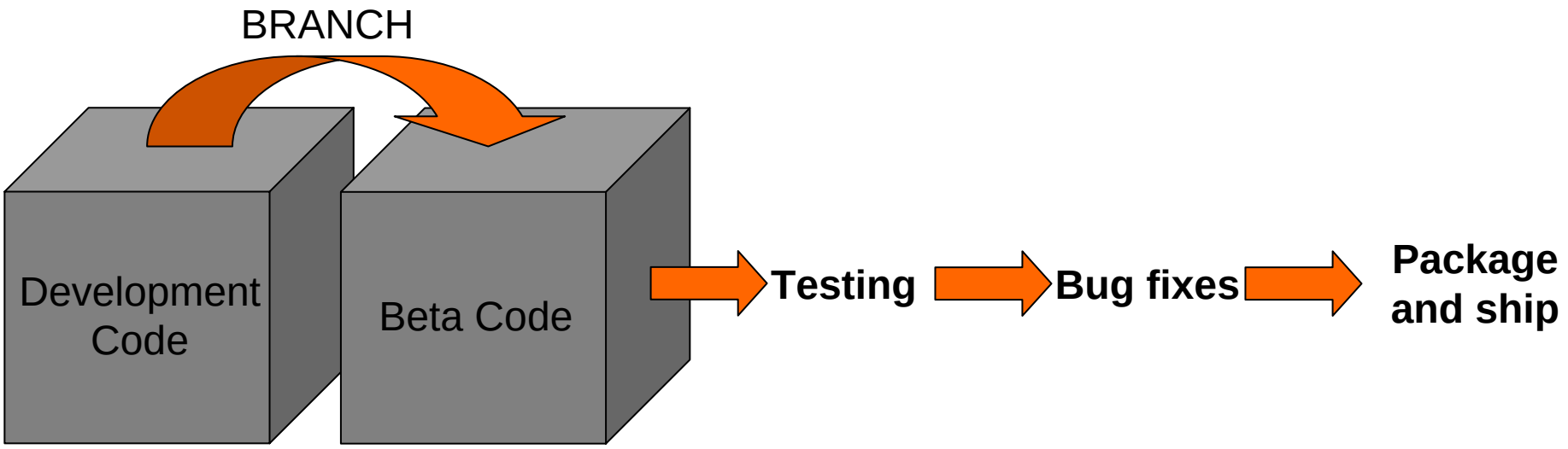
# CODE BASES (LIBRARIES)

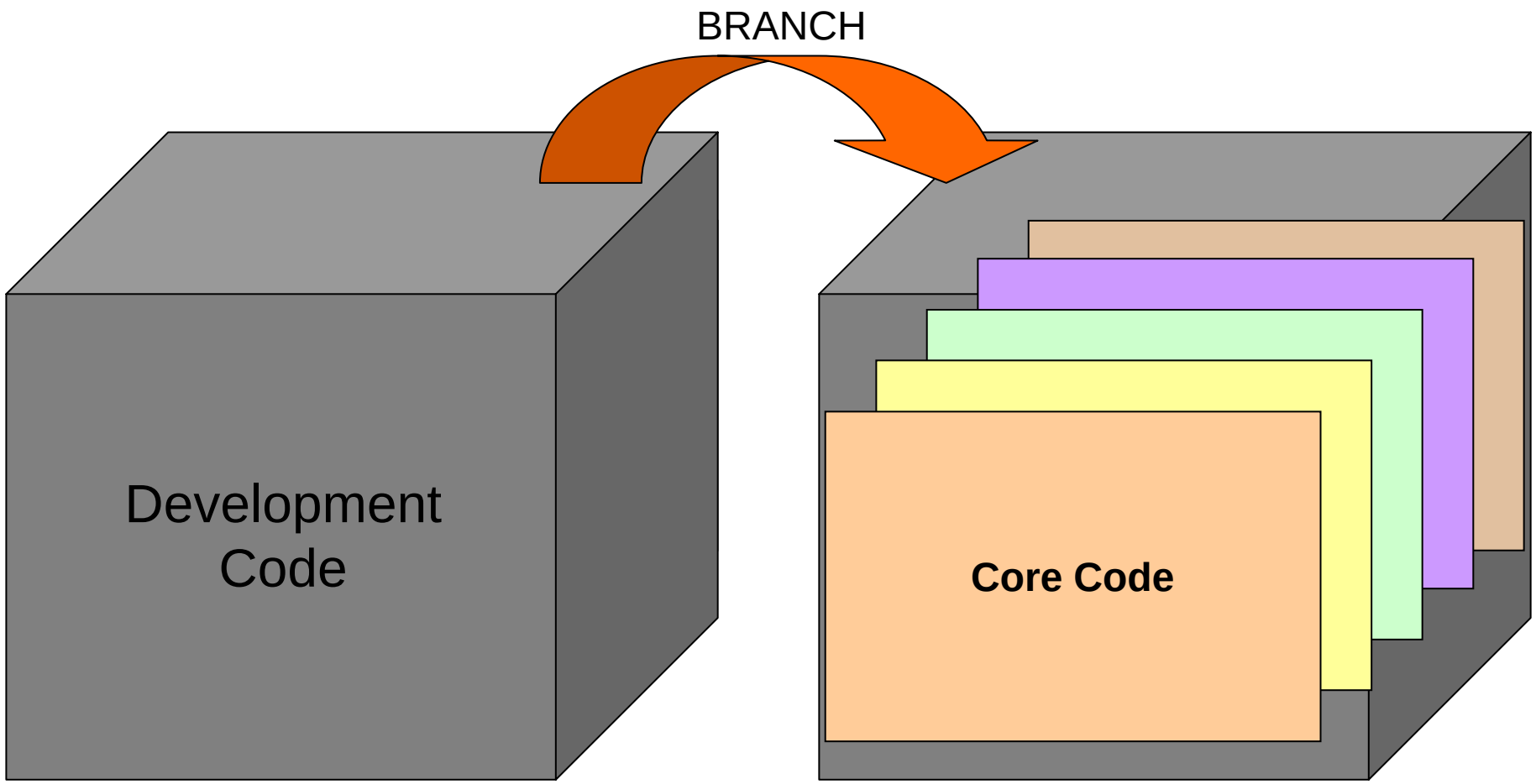


# DEVELOPMENT AND BETA CODE

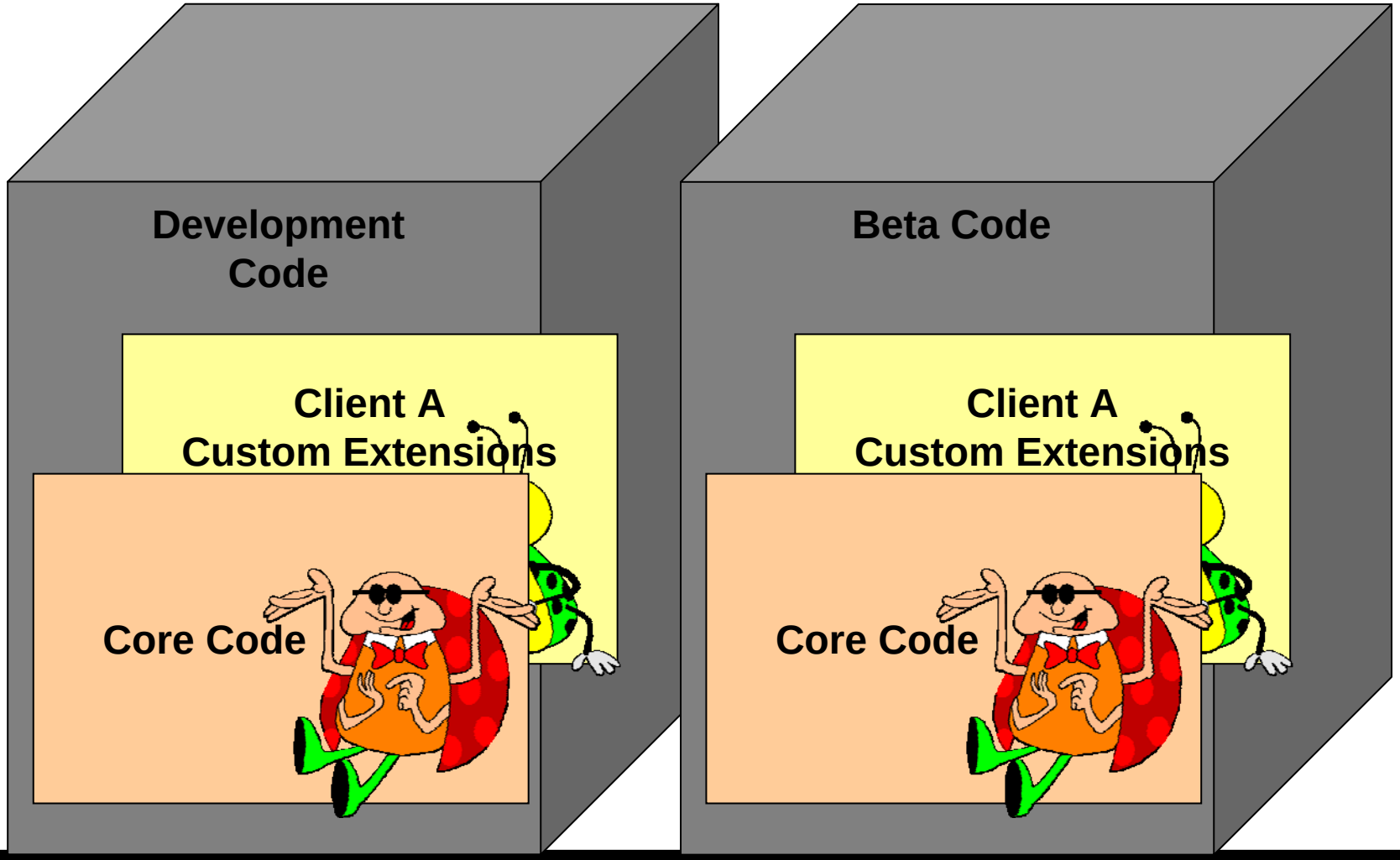
OVERVIEW



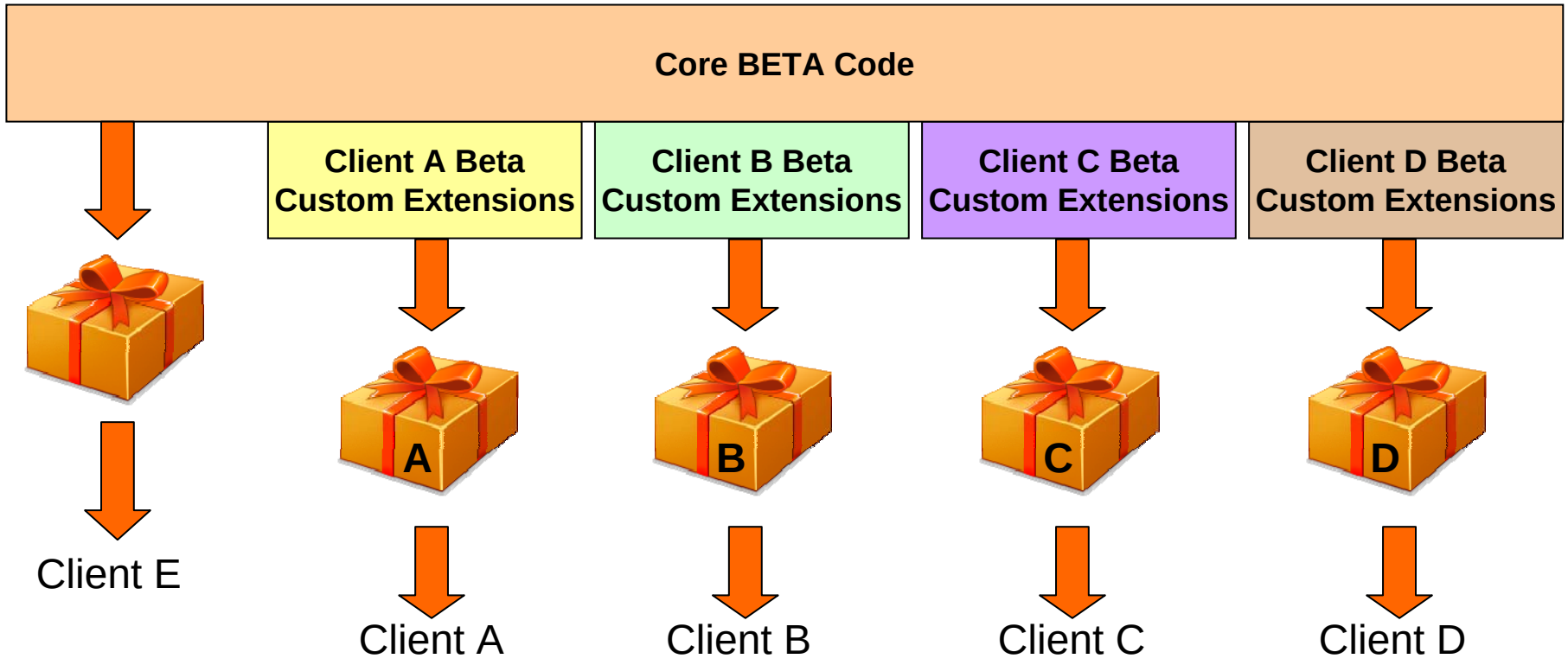
# BRANCHING BETA CODE



# TESTING AND BUG FIXES

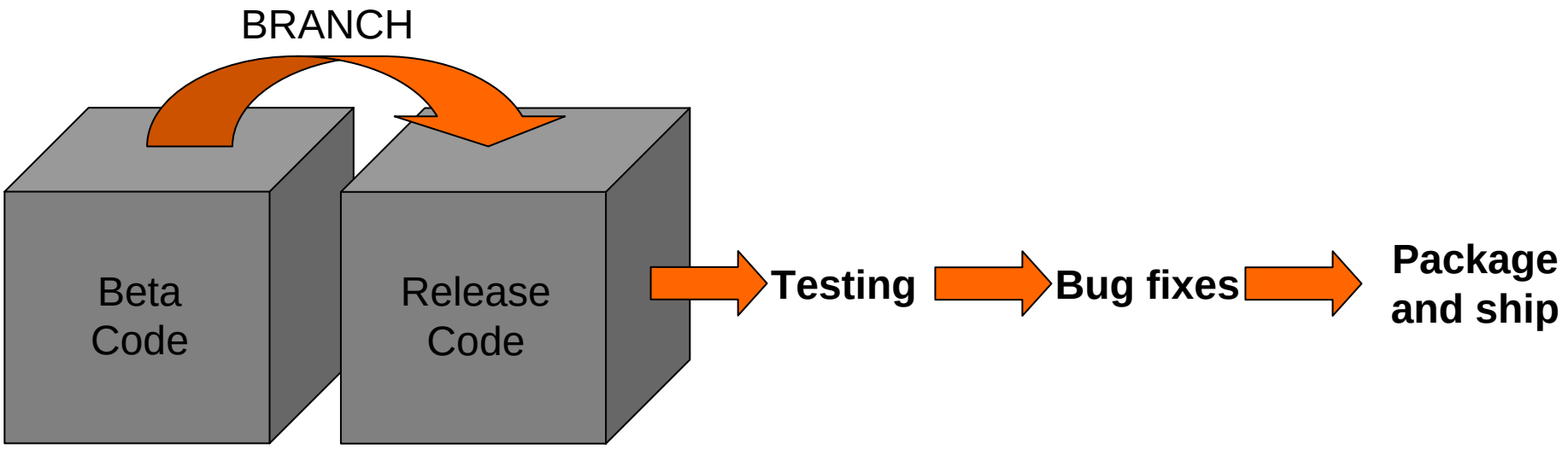


# PACKAGE AND SHIP CODE



# BETA AND RELEASE CODE

OVERVIEW



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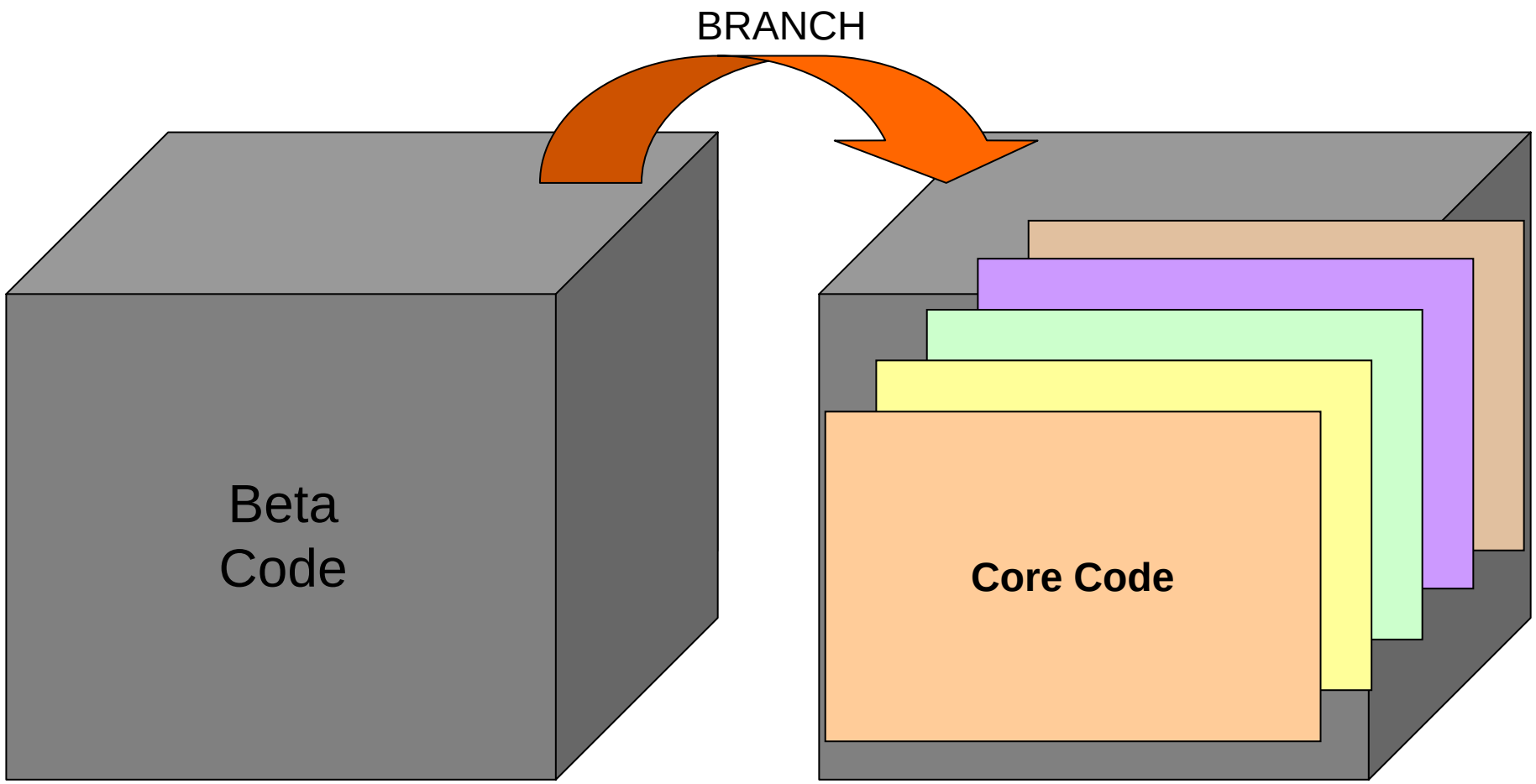

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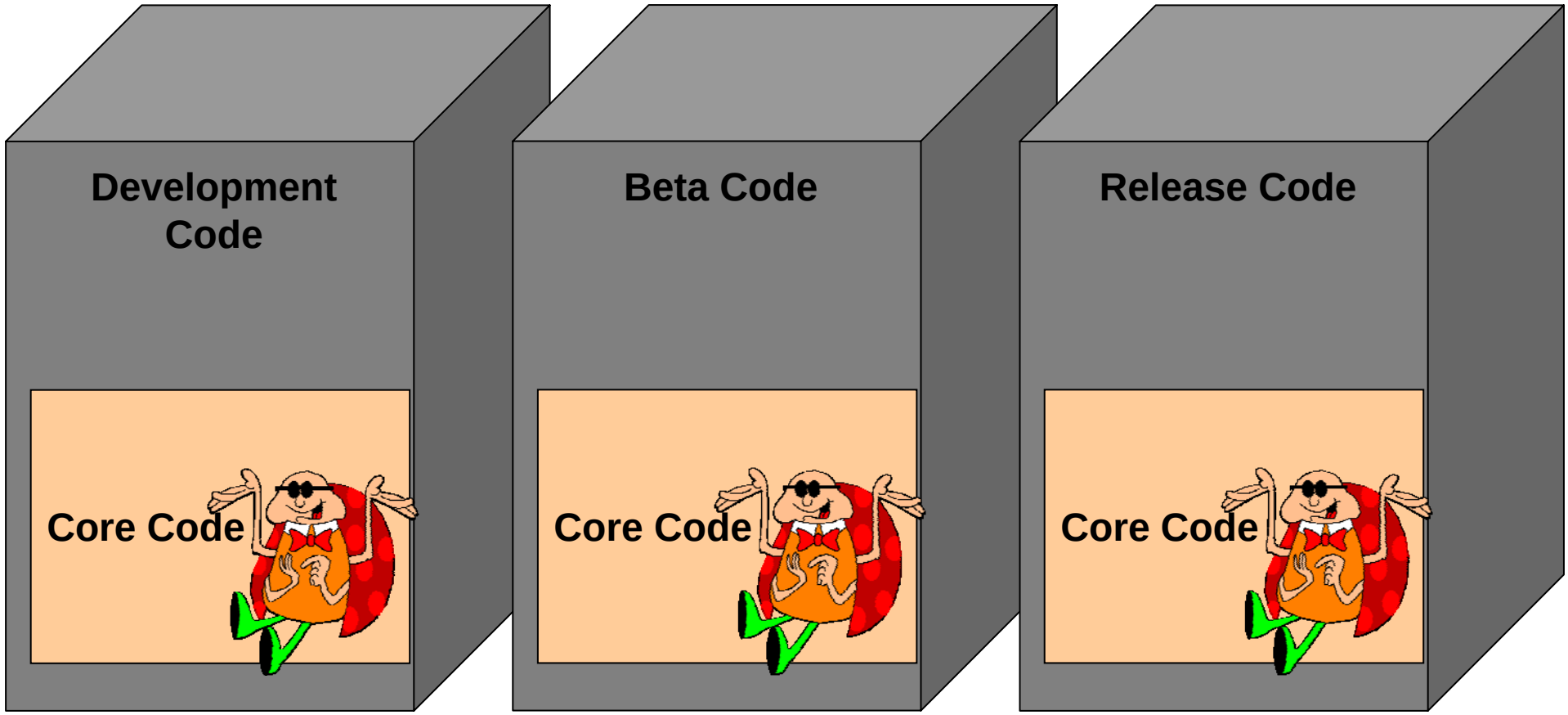

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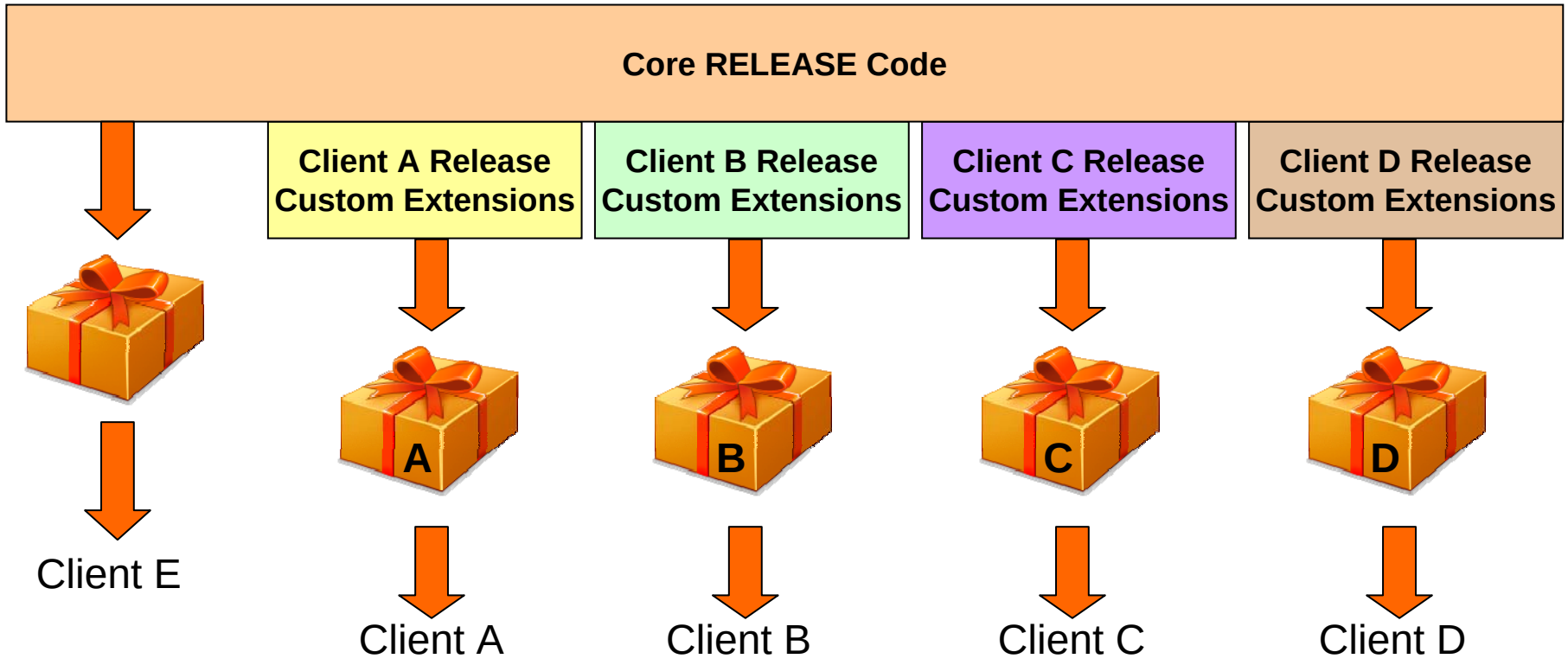

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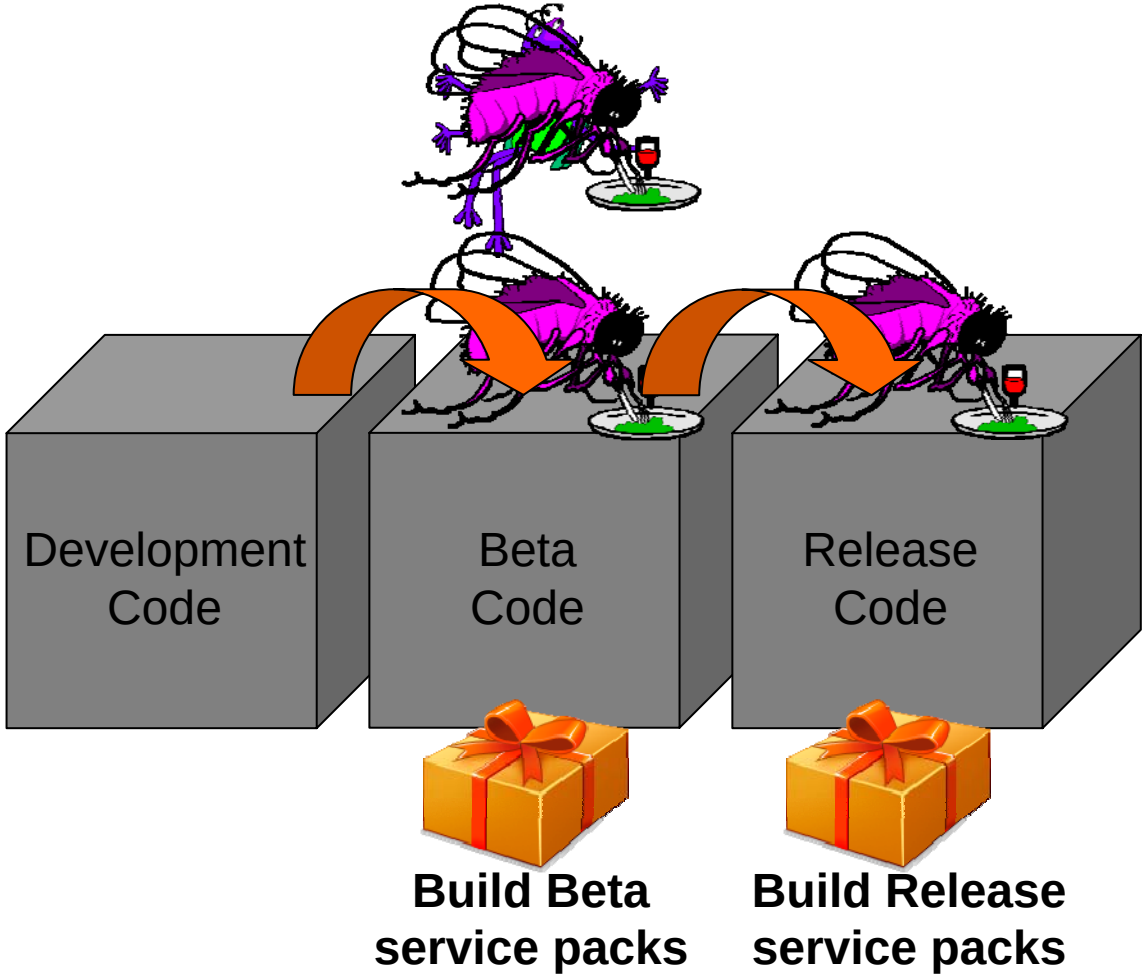
# CLIENT FINDS A BUG



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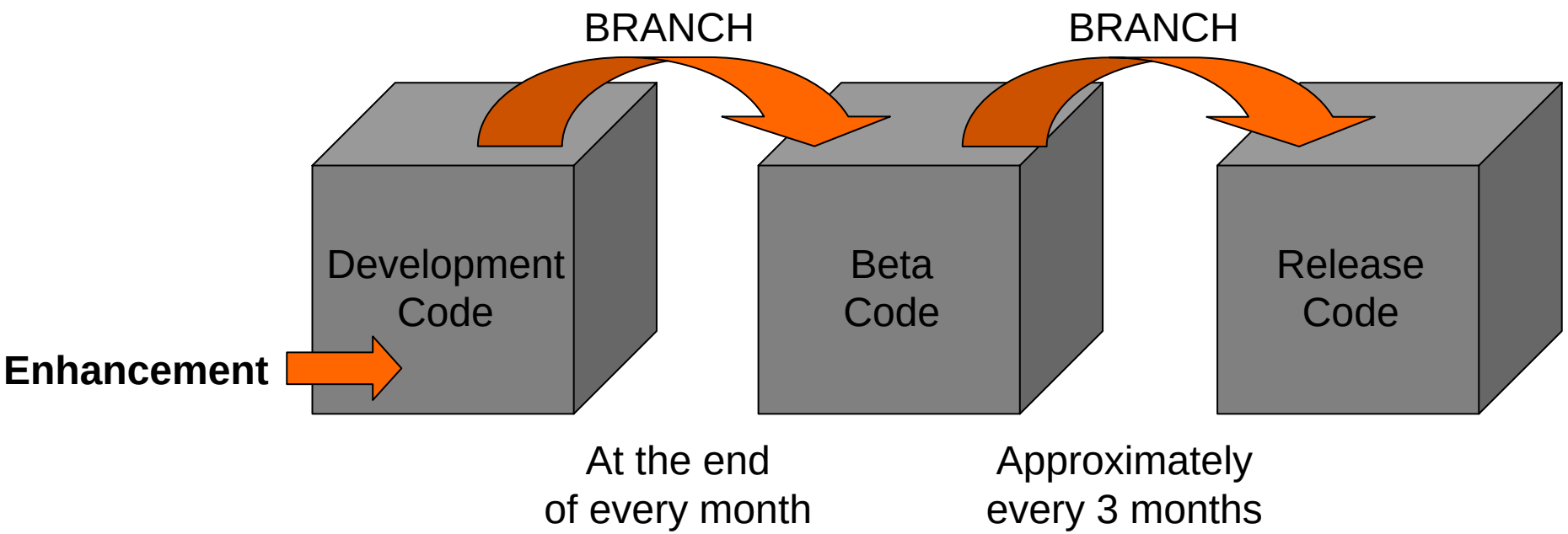
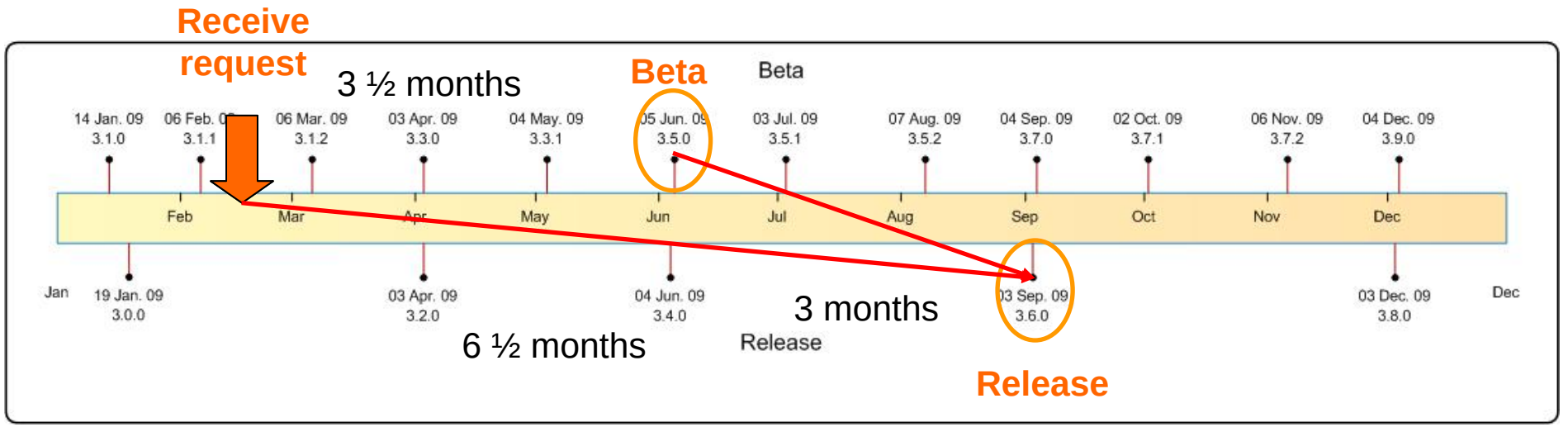
# RELEASING ENHANCEMENTS



# RELEASE TIMELINE



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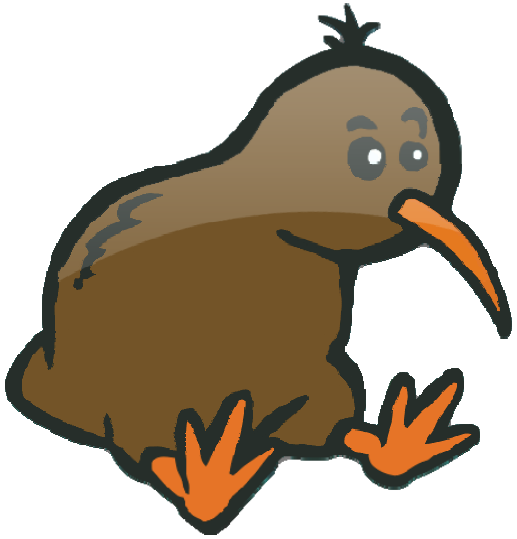
# FOGBUGZ



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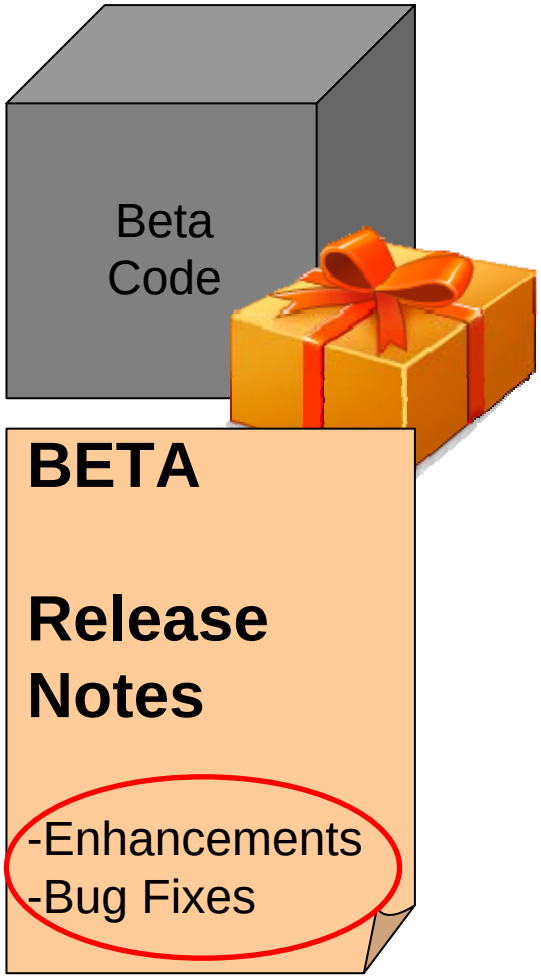
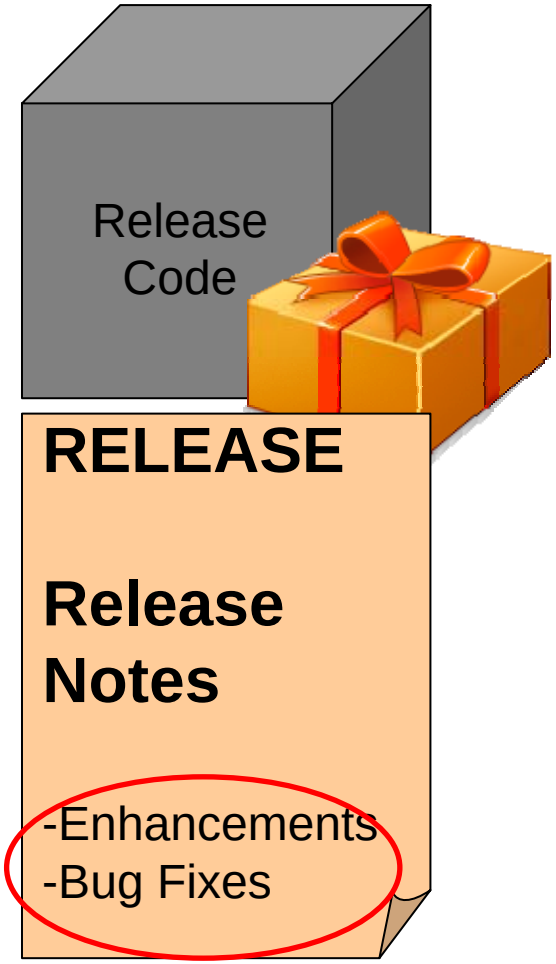
# RELEASE NOTES



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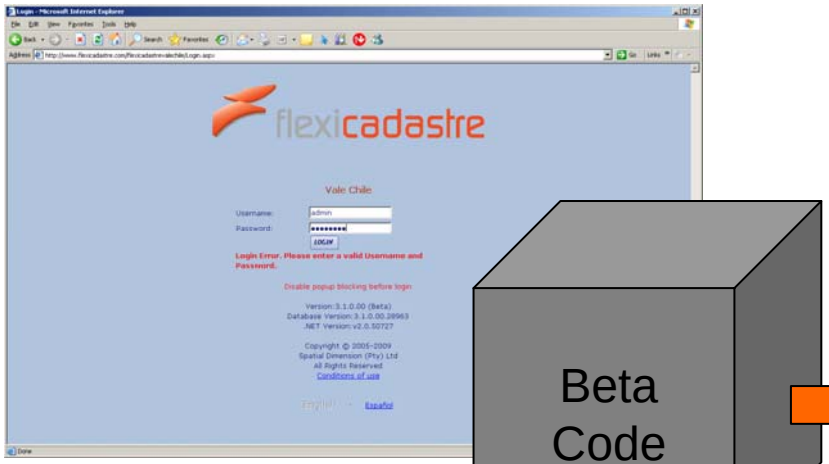
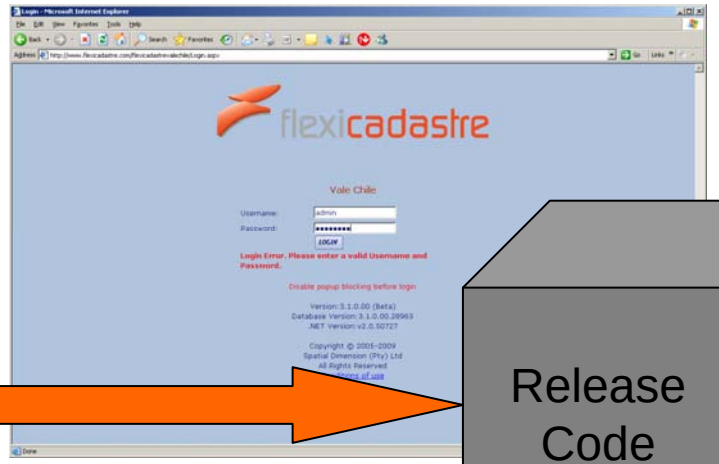
# PROJECT PHASES

Go Live

**Prototype** → **Pre-production** → **Production**

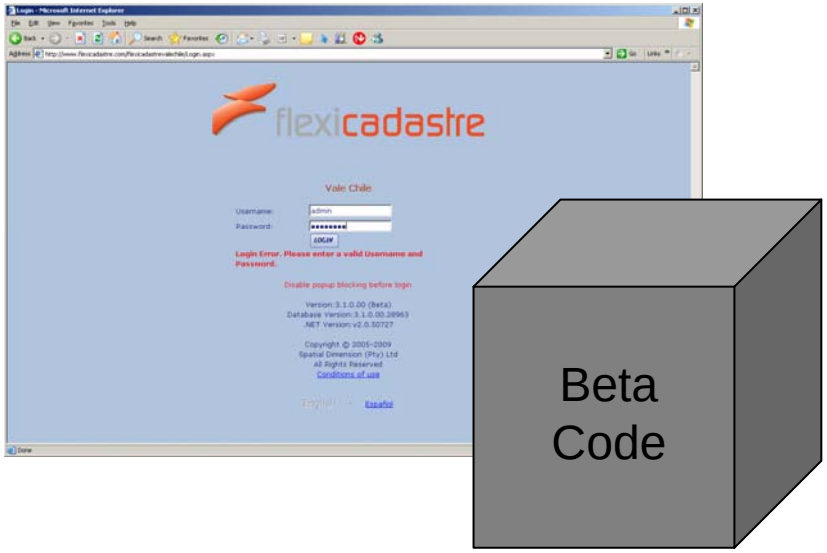



Beta Code




Release Code

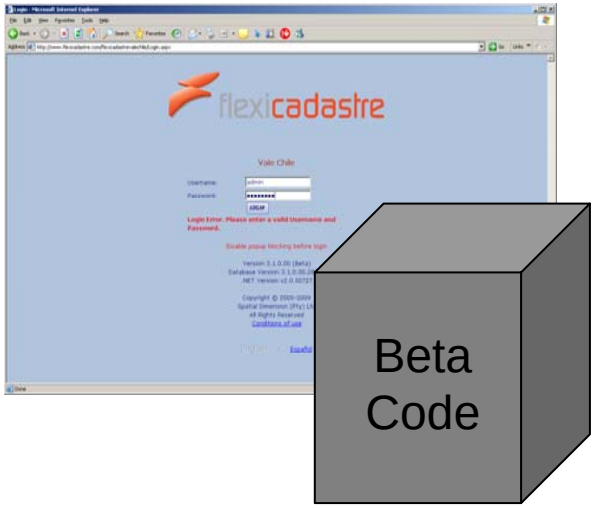
# PROTOTYPE / PRE-PRODUCTION




- Testing against User Requirements
- Feedback to Spatial Dimension
- Report bugs

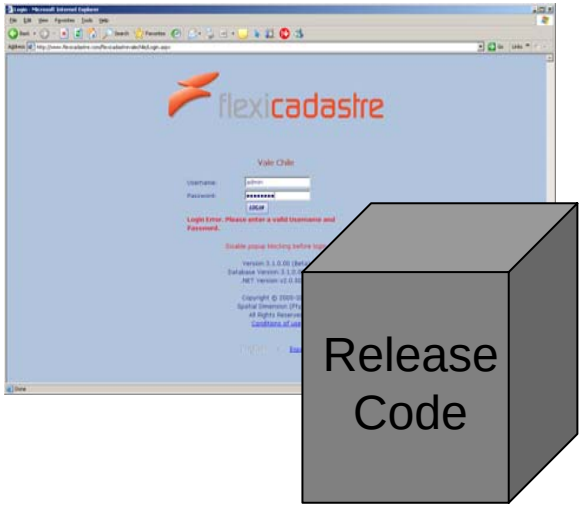
# PRODUCTION

## TEST



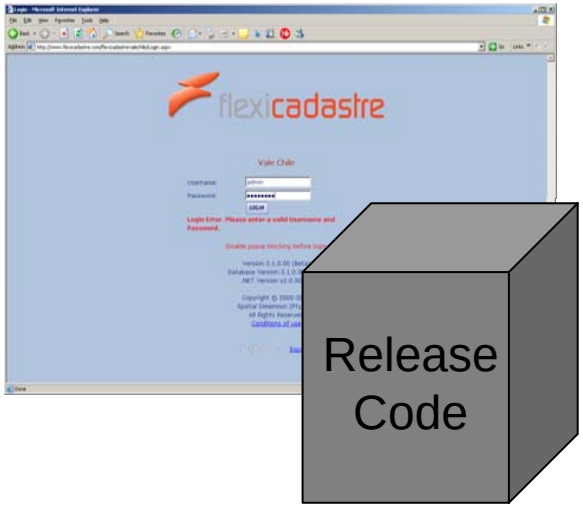

- Testing against User Requirements
- Test useful enhancements identified
- Feedback to Spatial Dimension
- Report bugs

## QC




- Testing Functional Requirements
- Report bugs

## PRODUCTION




- Report bugs

# ALL THIS MADE POSSIBLE BY…

An incredible development team!

Polonius in Shakespear's Hamlet:

# Though this be madness, yet there is method in't.

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