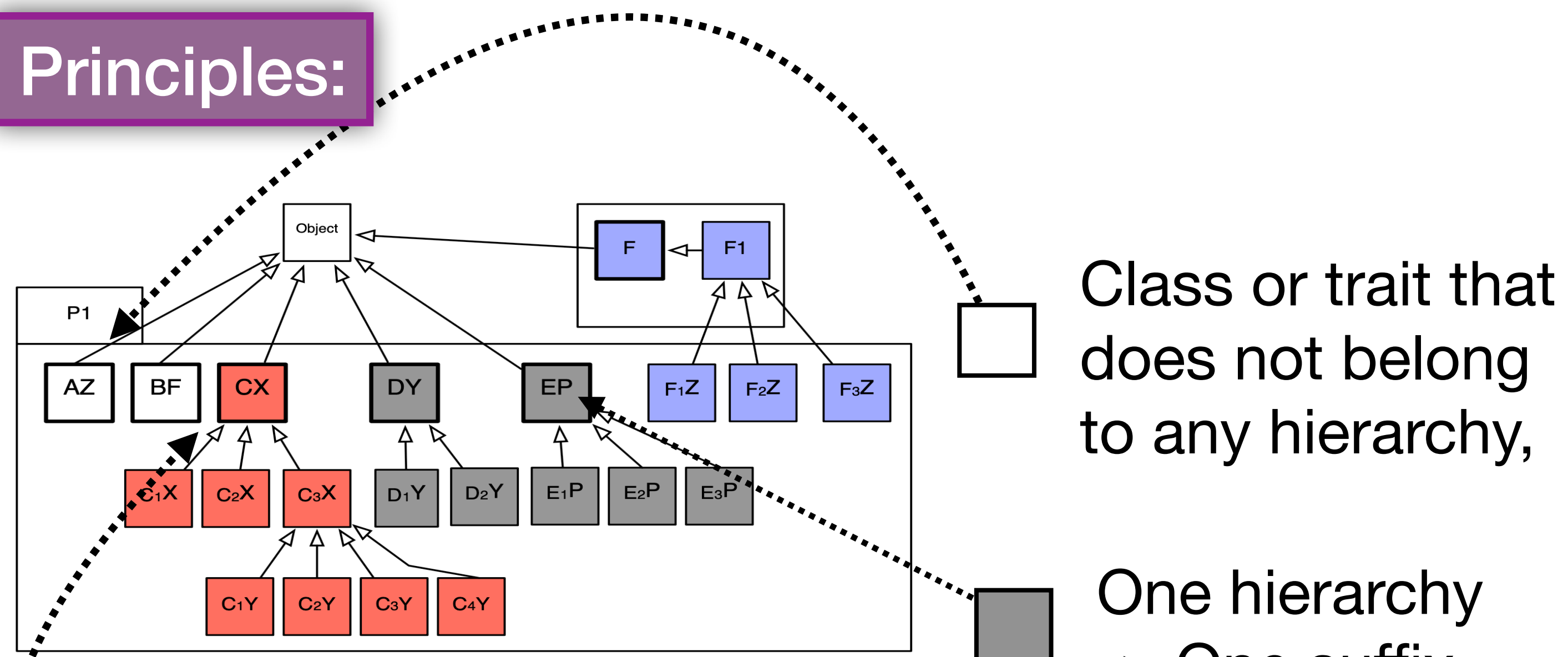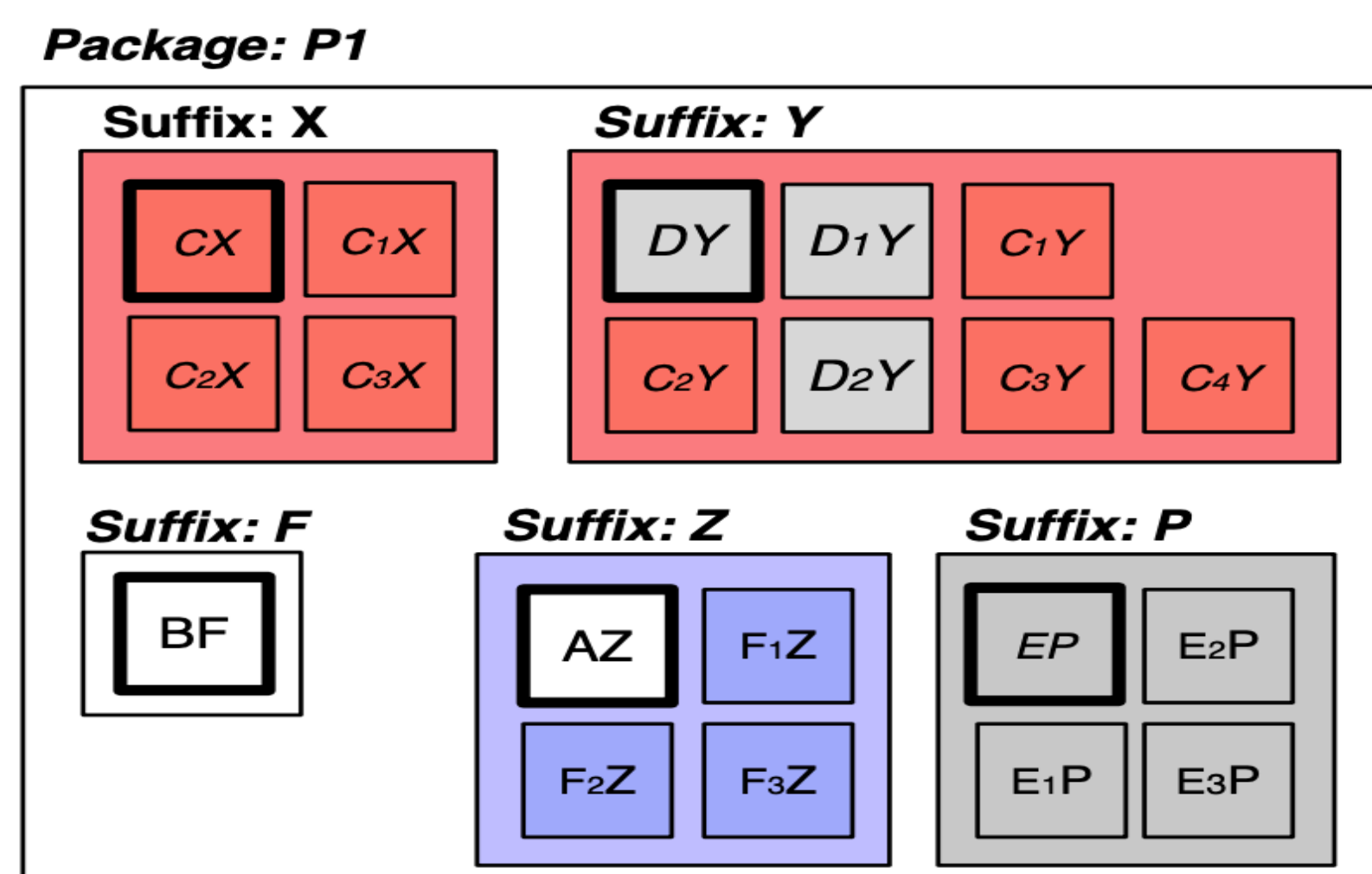# ClassNames Distribution: Detecting inconsistencies in class names

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Principles:

A schematic mini project which shows hierarchies types and their colors

☐ Class or trait that does not belong to any hierarchy,

▦ One hierarchy -> One suffix

🟥🟦🟨🟪⬜ ..24 One hierarchy -> more than one suffix- a color means a hierarchy

The ClassNames Distribution package for the previous schematic mini project

Concrete case:

Scattered-Vocabulary: One hierarchy uses several suffixes in the same package

Blob: a hierarchy which uses more than one suffix but makes the most use of the 'Tests' suffix in this case

Intruder: a hierarchy which uses the same suffix as an other hierarchy in the same package

Confetti: Multiple hierarchies use the same suffix in the same package

ClassNames Distribution tool user interface on the Calypso v6 project

About the tool:
- Supports both Pharo and Java projects.
- Supports suffix analysis, prefix analysis and both of suffix and prefix mixed to chose the most accurate.
- Implemented in *Pharo* and is available here: https://github.com/NourDjihan/ClassNameAnalyser