FilteredPush

NSF: DBI #0646266 (prototype, complete) and
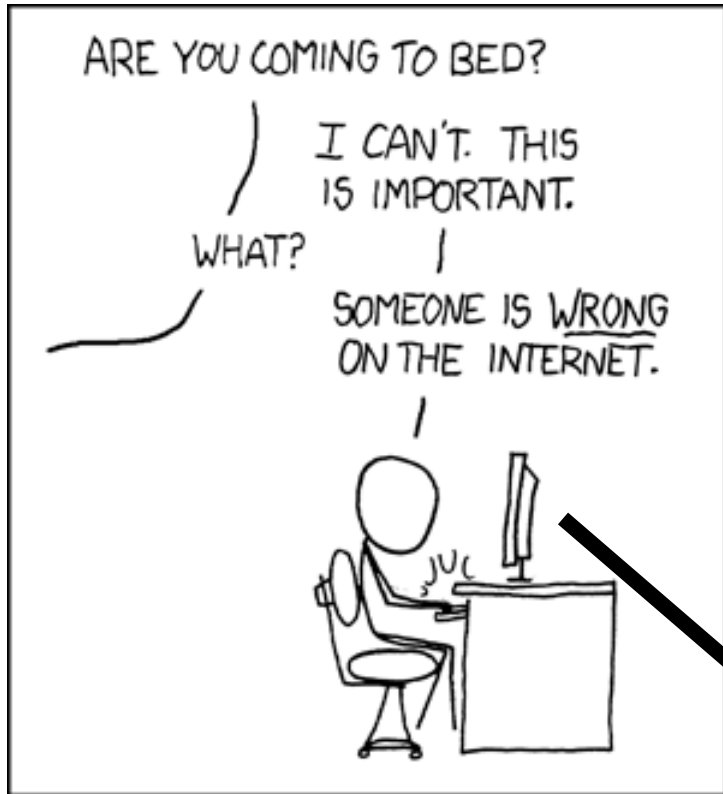NSF: DBI #0960535 (production, year 2 of 3)

Current Team: James Hanken, Maureen Kelly, David Lowery, Bob Morris, Paul Morris (Harvard). Bertram Ludacher, Lei Dou (UC Davis), James Macklin (Agriculture Canada).

http://etaxonomy.org/mw/FilteredPush
http://sourceforge.net/projects/filteredpush/
http://www.daks.ucdavis.edu/projects/kepler-g-pack/kuration-package

ARE YOU COMING TO BED?

I CAN'T. THIS IS IMPORTANT.

WHAT?

SOMEONE IS WRONG ON THE INTERNET.

http://xkcd.com/386/
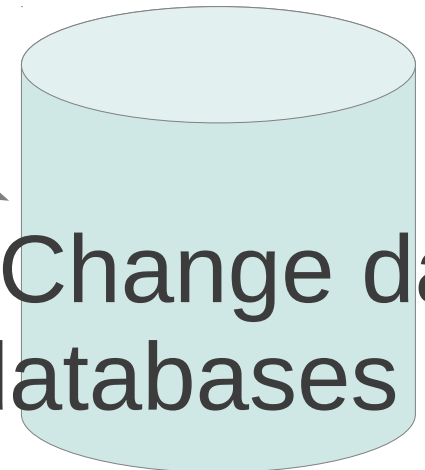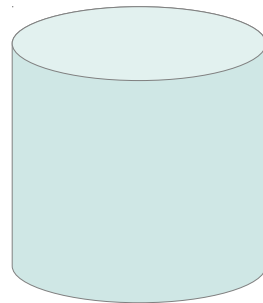
(1) Kvetch about data

(2) Push to interested parties

(3) Human Filter
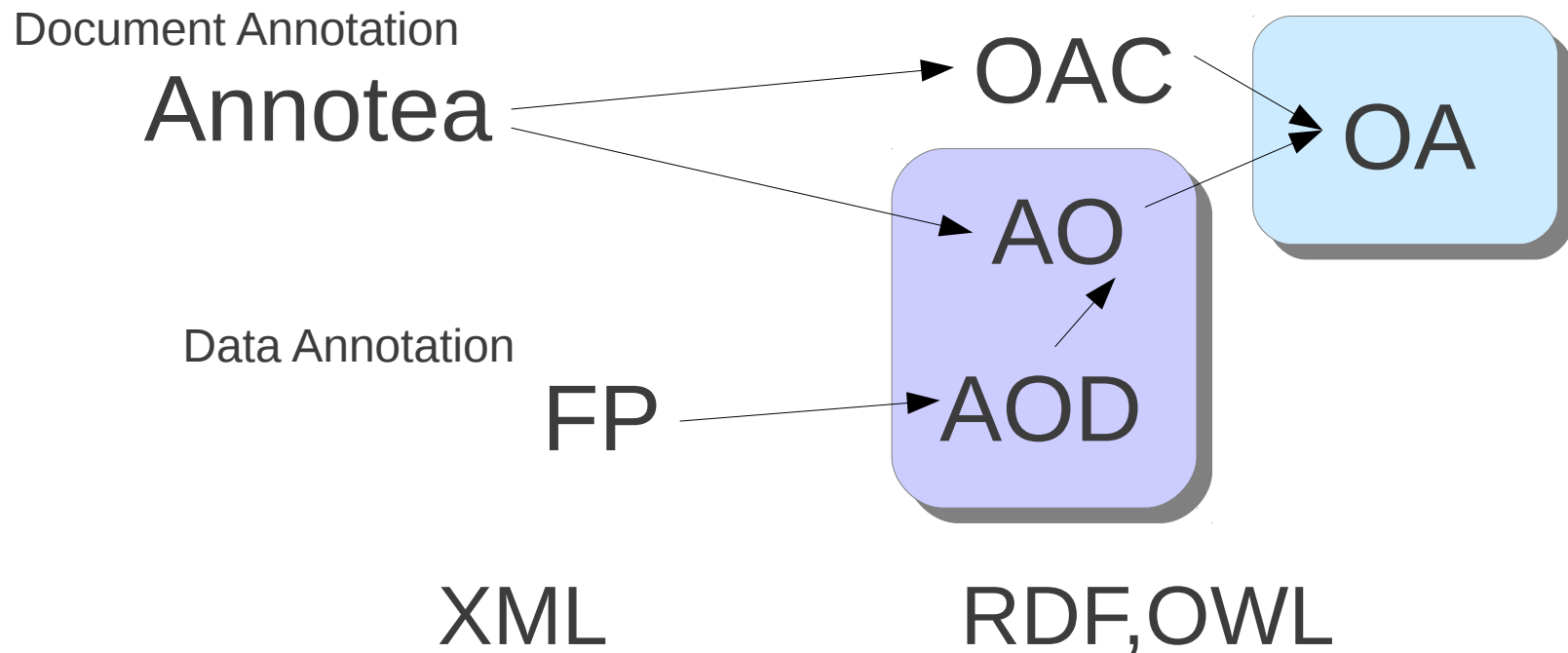
(4) Change data in databases

(5) Store all assertions

Core Technology: Annotation

Technologies
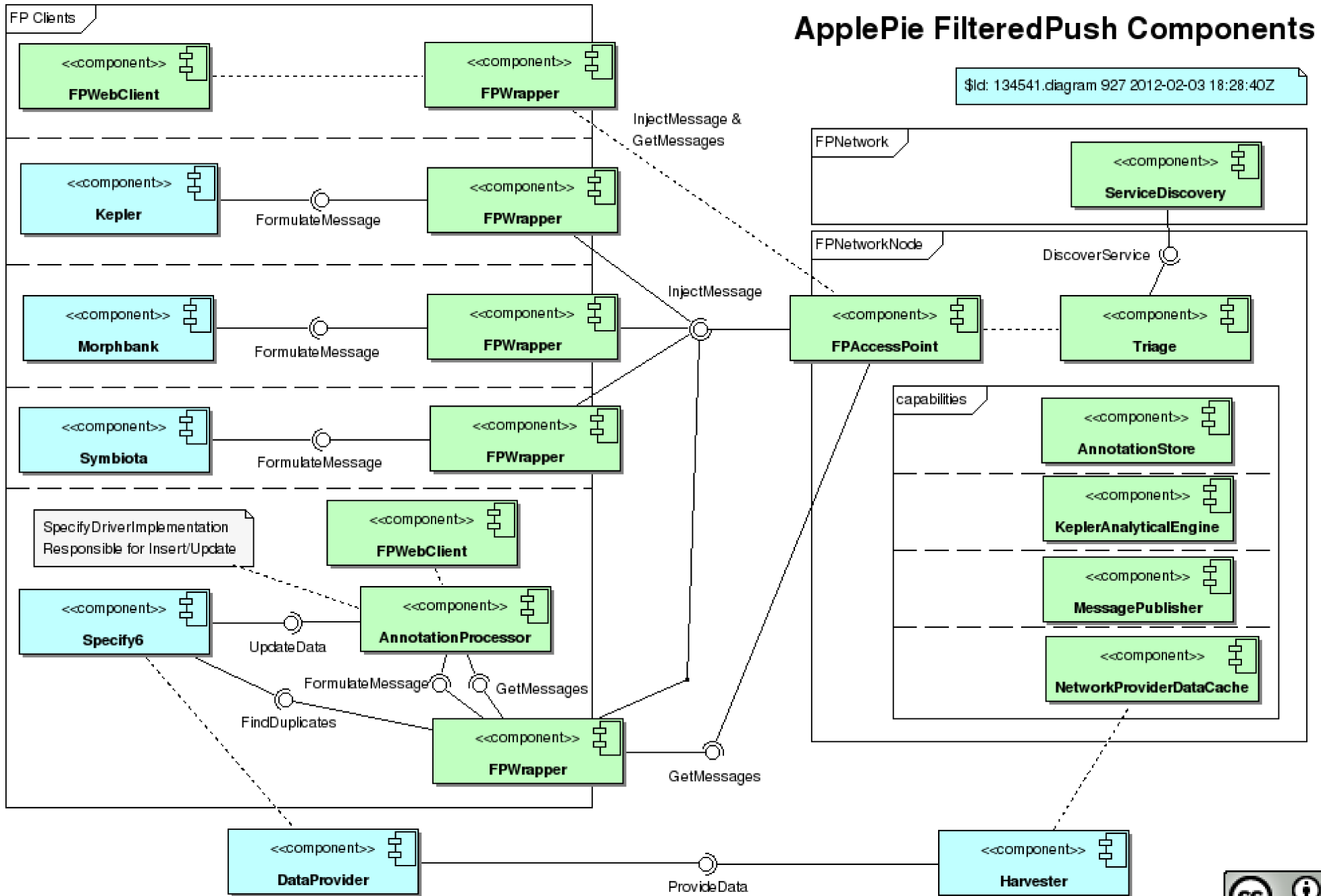
Document Annotation

Annotea → OAC

OAC → OA

Annotea → AO

AO → OA

Data Annotation

FP → AOD

AOD → AO

XML

RDF,OWL

A New Determination in an Annotation

ao:Annotation

195113de9d76327f976a15a500002797

rdf:type

aod:Motivation

rdfs:subclassOf

aod:Evdence

aod:Expectation

rdfs:subclassOf

aod:ExpectationInsert

rdf:type

aod:hasEvidence

provenance
pav:createdBy

pav:createdOn

2011-10-14

rdf:type

evidence

expectation
aod:ExpectationInsert

aod:hasExpectation

ao:annotatesResource

ao:hasTopic

PO:0025176

PO:0020104

subject

tdwg.to:institutionCode

NEBC

tdwg.to:catalogNumber

barcode-00339174

assertions

tdwg.to:date

2011

tdwg.to:expertName

W.T.Kittredge [GH]

tdwg.to:taxonName

Dichanthelium acuminatum
subsp. columbianum
(Scribner) Freckmann & Lelong

aod:asText

The stems and sheaths
have two kinds of hairs,
dense short puberulent ones
and long non-pustulose
ones. This is how you
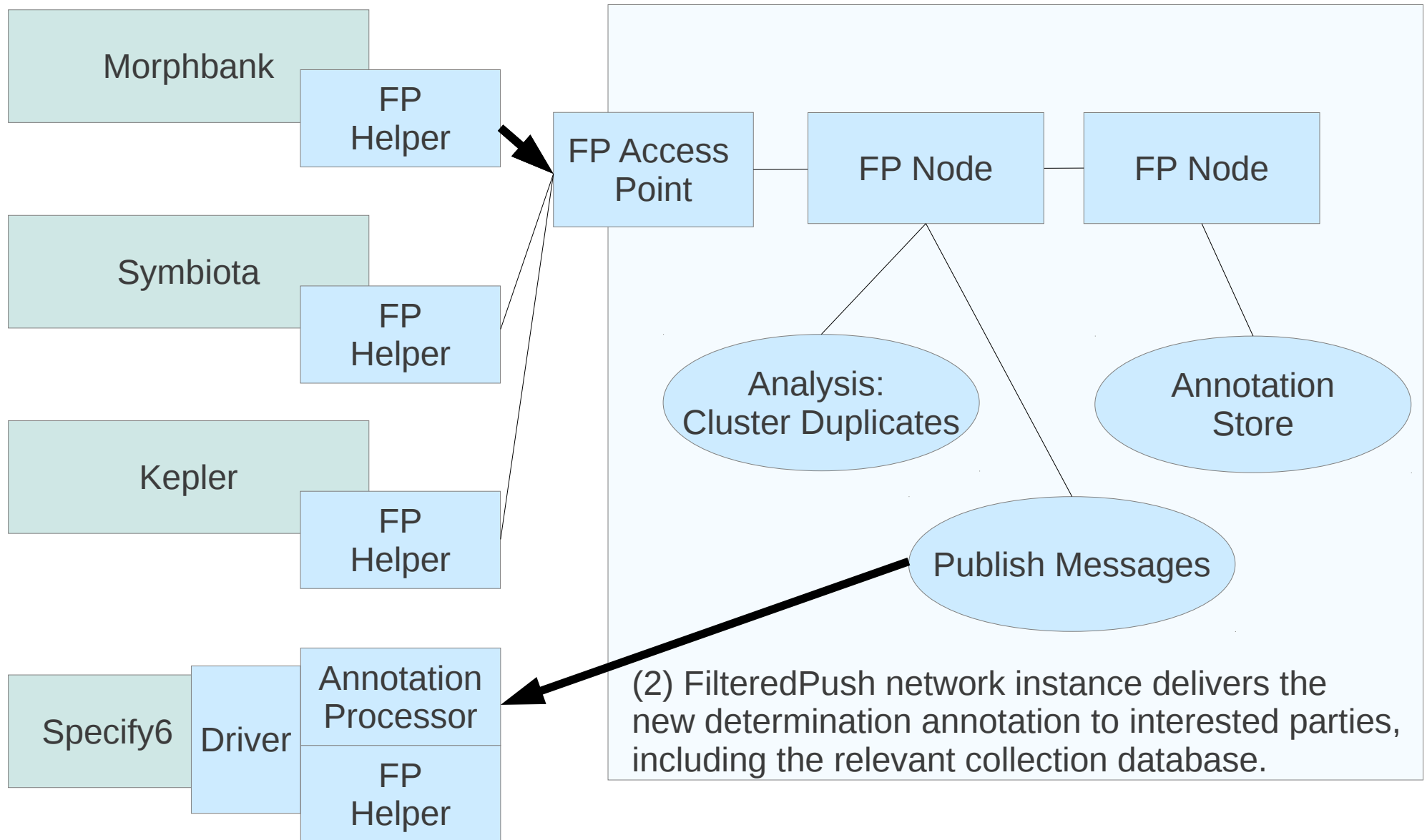distinguish this subspecies
from the others of D. acuminatum

FilteredPush: AplePie Instance

FilteredPush Instance: ApplePie

(1) Researcher viewing a specimen image in Morpbank provides a new determination

Morphbank

FP Helper

Symbiota

FP Helper

Kepler

FP Helper

Specify6 | Driver

Annotation Processor

FP Helper

FP Access Point

FP Node

FP Node

Analysis: Cluster Duplicates
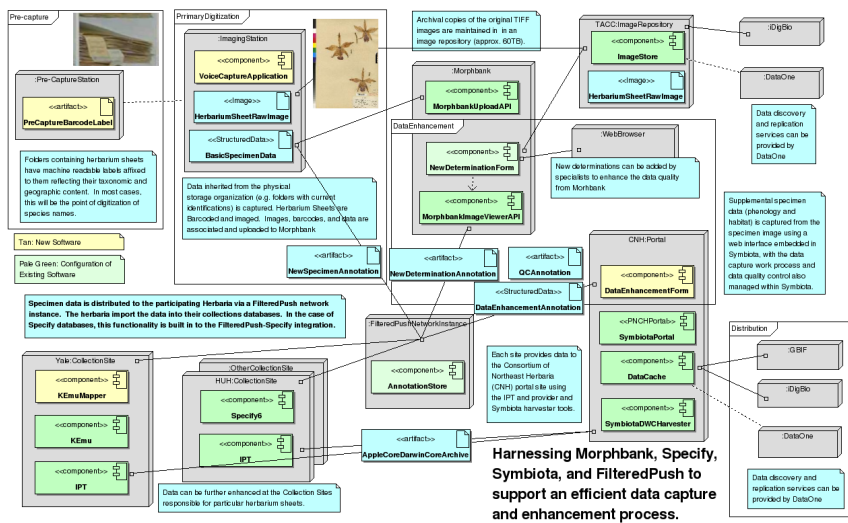
Annotation Store

Publish Messages

(2) FilteredPush network instance delivers the new determination annotation to interested parties, including the relevant collection database.
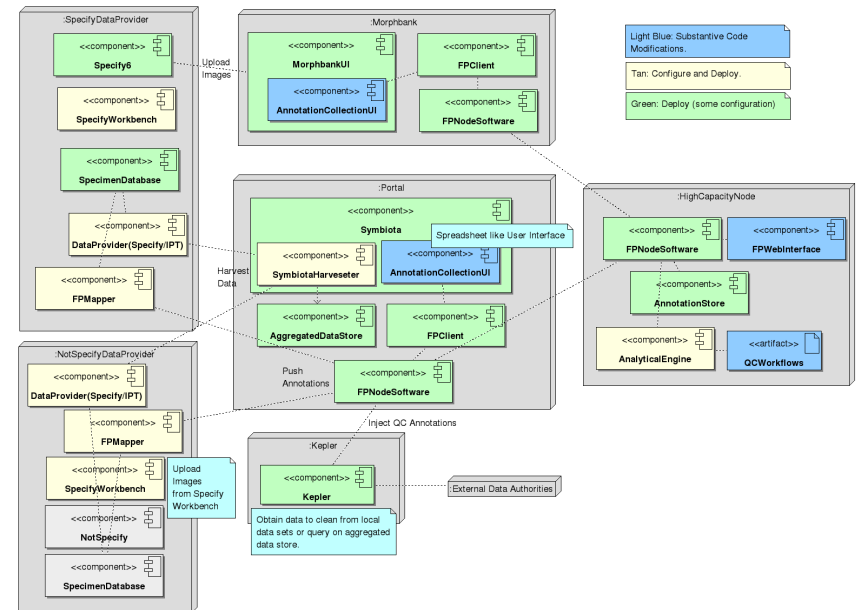
(3) Data Curator accepts new annotation as changes mapped into their Specify database.

FP + Specify + Symbiota in TCNs

CNH

SCAN

Botanical Duplicates
New Specimen Records
New Determinations
Data Quality Control

New Determinations
Data Quality Control