JetBrains Rider

Sergey Shkredov

JetBrains dotPeek

File View Navigate Inspect Tools Windows Help

NUnitTestAgent.cs

```
SettingsService settingsService = new SettingsService(false);
if (flag)
{
  Console.WriteLine("Agent process {0} starting", (object) Process.GetCurrentPro
  Console.WriteLine("Running under version {0}, {1}", (object) Environment.Versi
}
TestEngine testEngine = new TestEngine();
testEngine.Services.Add((IService) settingsService);
testEngine.Services.Add((IService) new ExtensionService());
testEngine.Services.Add((IService) new ProjectService());
testEngine.Services.Add((IService) new DomainManager());
testEngine.Services.Add((IService) new InProcessTestRunnerFactory());
testEngine.Services.Add((IService) new DriverService());
testEngine.Initialize();
NUnitTestAgent.Channel = ServerUtilities.GetTcpChannel();
try
```

Assembly Explorer

- addins
- net-2.0
- net-4.0
- net-4.5
- portable
- mock-nunit-assembly (3.0.5813.390
- Mono.Cecil (0.9.6.0, msil, .Net Frame
- nunit-agent-x86 (3.0.5813.39036, x8
- nunit-agent (3.0.5813.39036, msil, .N
  - References
  - NUnit.Agent
    - NUnitTestAgent
- nunit.engine.api (3.0.0.0, msil, .Net F

IL Viewer | Assembly E... | File Structu...

Find Results - Usages of 'ChannelServices'

Usages of 'ChannelServices'

Group by: Project Structure

Search target

System.Runtime.Remoting.Channels.ChannelServices

Found 58 usages in referenced libraries

- mscorlib, Version=2.0.0.0 *(37 items)*
- nunit-agent, Version=3.0.5813.39036 *(1 item)*
- nunit-agent-x86, Version=3.0.5813.39036 *(1 item)*
- nunit.engine, Version=3.0.5813.39036 *(3 items)*

Properties

189 MB

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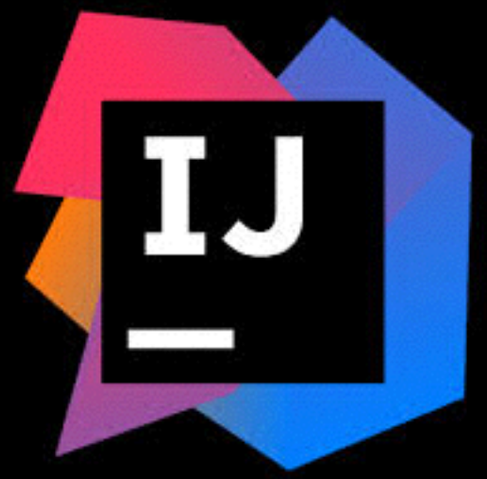
Properties

189 MB


IJ

Develop with pleasure!

IntelliJ IDEA 3.0

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Landscape

- .net
- .net framework
- Mono
- .net core

Landscape

- IDEs
  - Visual Studio
  - Visual Studio Code
  - OmniSharp
  - Xamarin Studio

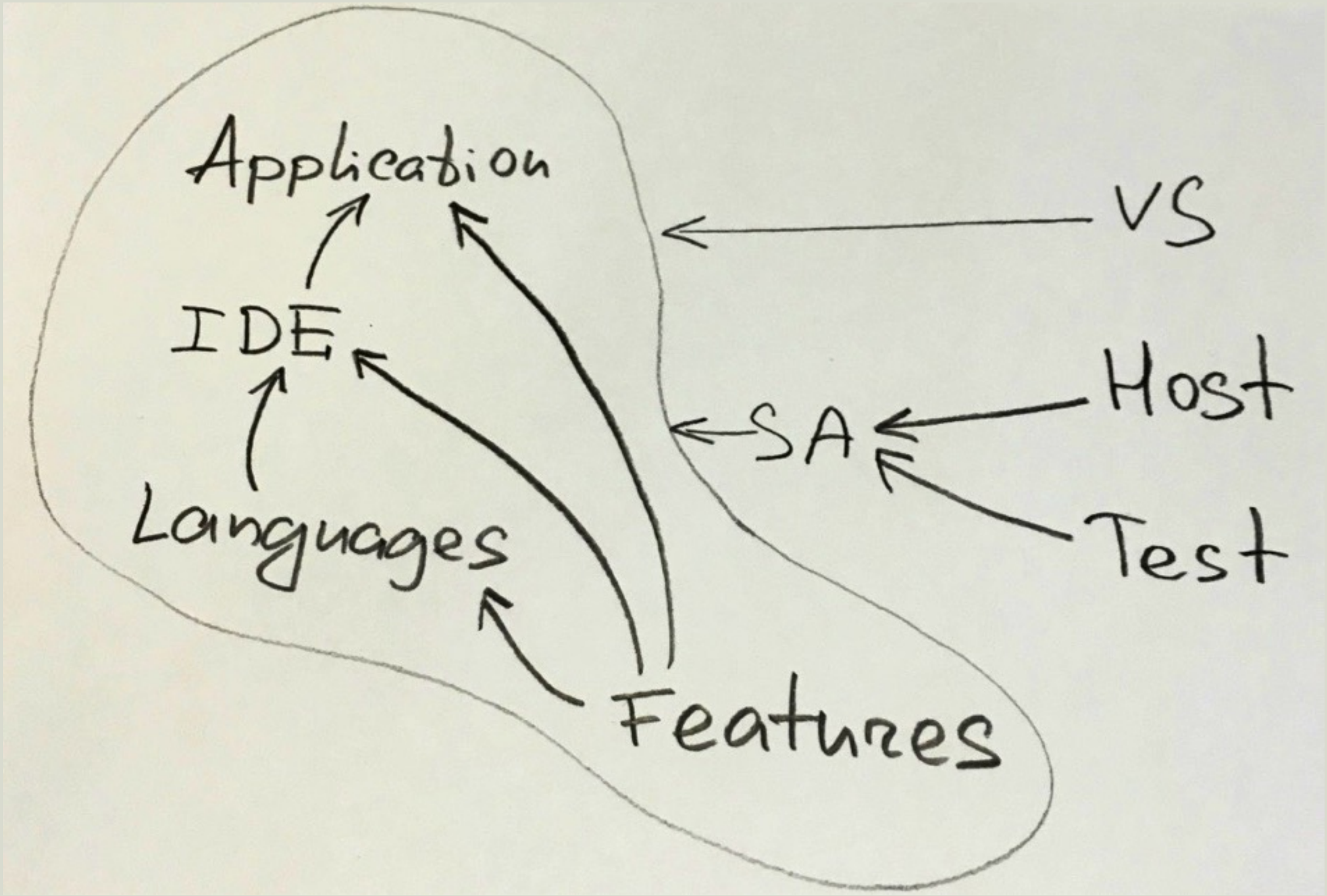
DEMO

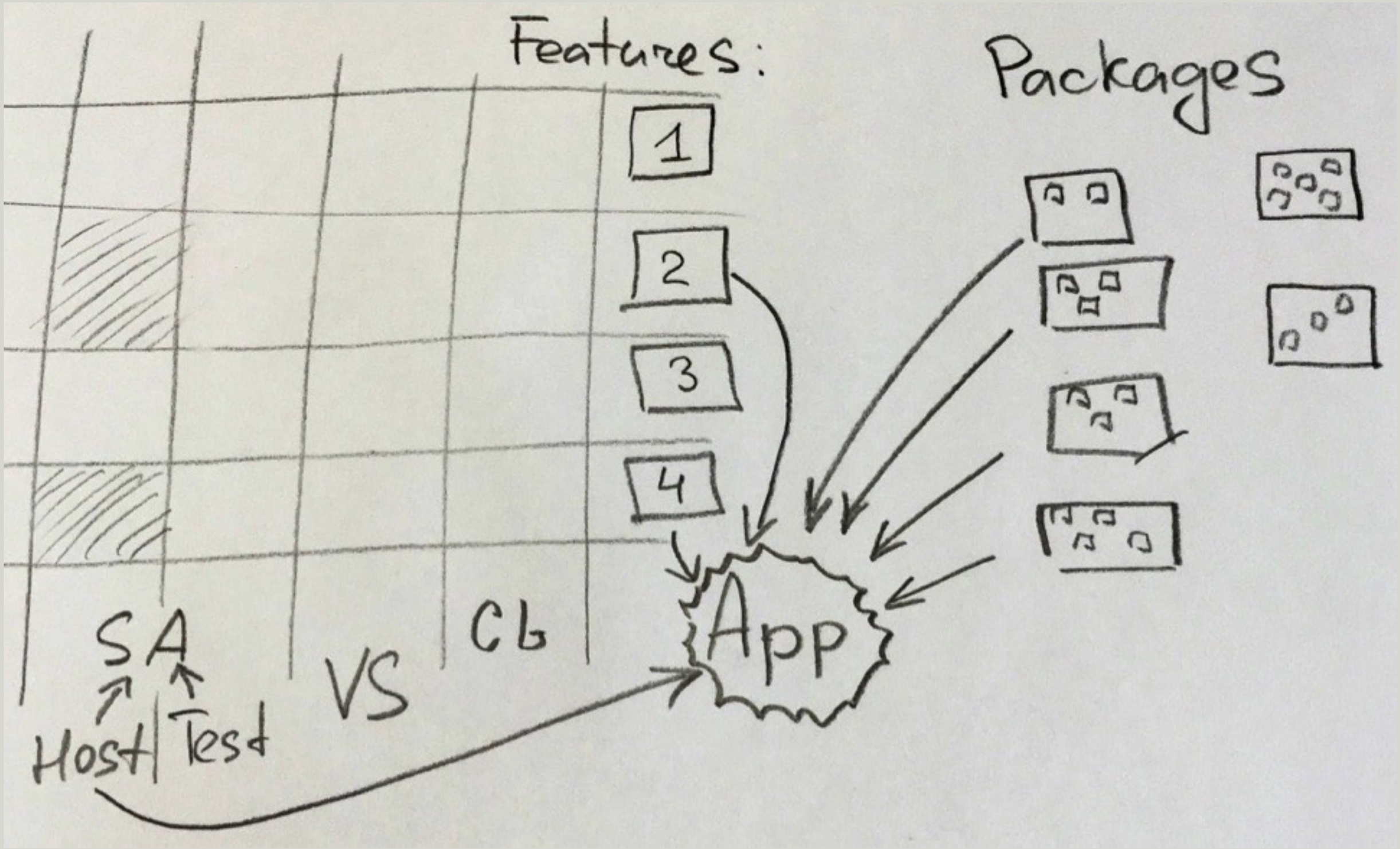
Communication

- IntelliJ
- ReSharper

IDE

- Application
- Projects, documents, editors
- Features
- UI
- Language semantic


Application
IDE
Languages
VS
SA
Host
Test
Features


Features:
1
2
3
4
Packages
App
SA
Host
Test
VS
CL

Principles

Less

DRY

Async

MVVM

View

View Model

Model

ShareX12 - [C:\Users\serjic\RiderProjects\ShareX12] - ...\ShareX\Program.cs - Rider 144.SNAPSHOT

File Edit View Navigate Code Refactor Build Run Tools VCS Window Help

ShareX12 > Shar | MsBuild 12.0.40629.0 | Microsoft.Net | Debug | Any CPU

Structure

License Information (GPL v3)
- ShareX
  - Program
    - Build:ShareXBuild
    - IsBeta:bool
    - Title:string
    - TitleLong:string
    - CLI:CLIManager
    - IsMultiInstance:bool
    - IsPortable:bool
    - IsPortableApps:bool
    - IsSilentRun:bool

Program.cs

```
#endif
            }
        }

        public static bool IsBeta { get; } = false;

        public static string Title
        {
            To private
            To internal
            {
                Version version = Version.Parse(Application.Pr
                string title = string.Format("Shar{2}eX {0}.{1
                if (version.Build > 0) title += "." + version.
                if (IsPortable) title += " Portable";
                if (IsBeta) title += " Beta";
                return title;
            }
```

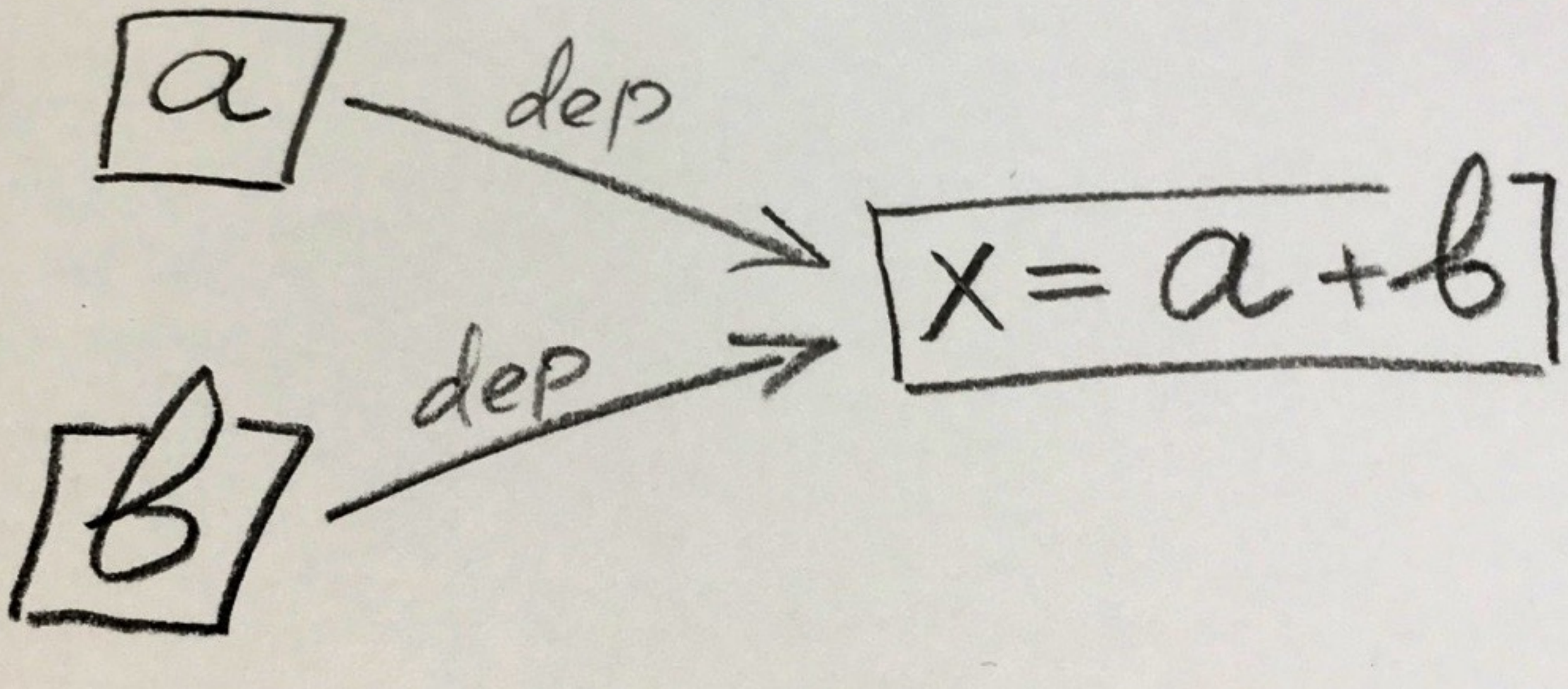
Find Usages of 'Settings'

Targets
- ShareX.Program.Settings:ShareX.ApplicationConfig

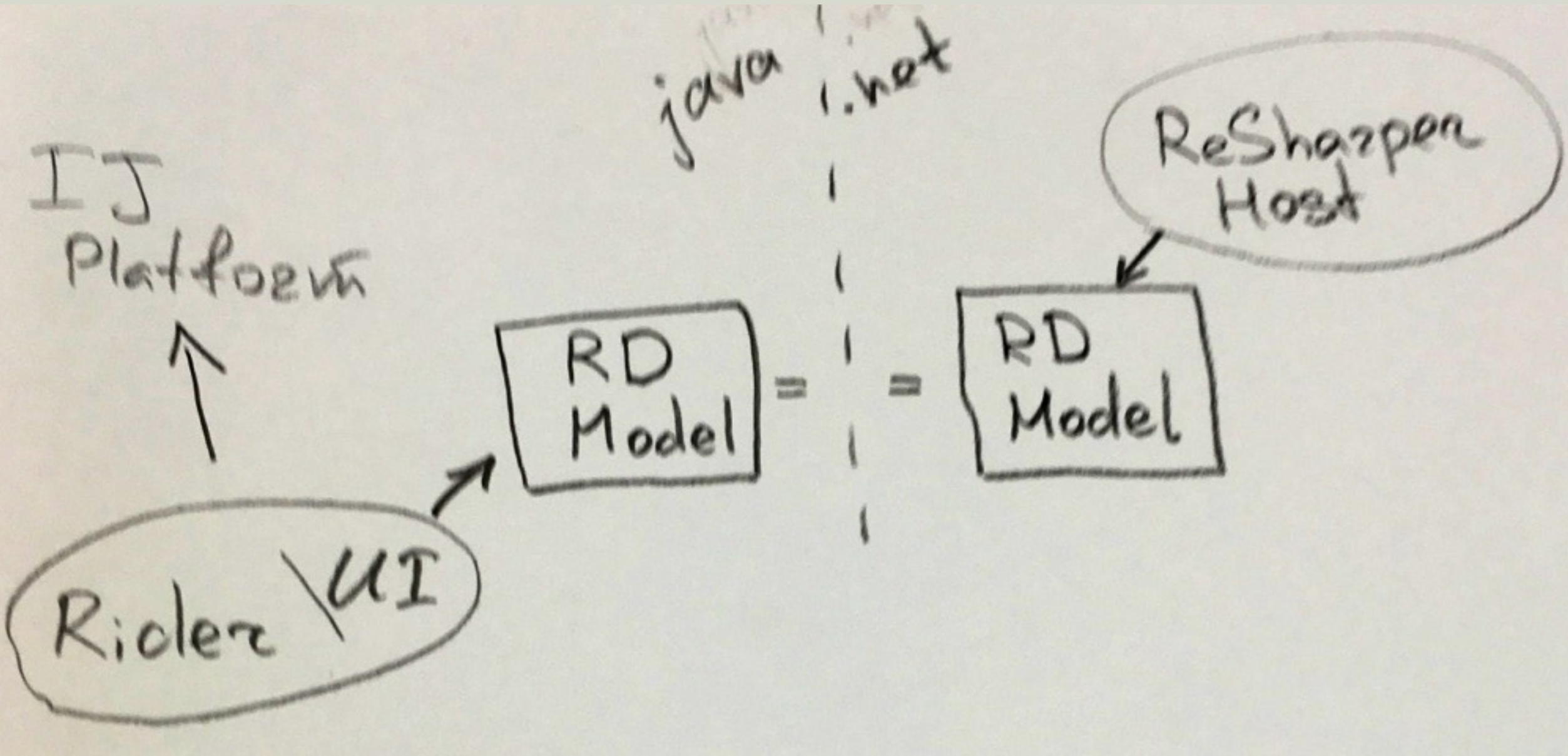
Found usages 267 usages
- <ShareX> 267 usages
  - Forms 179 usages
  - <ShareX>\HotkeyManager.cs 2 usages
  - <ShareX>\Program.cs 19 usages
  - <ShareX>\QuickTaskMenu.cs 4 usages
  - <ShareX>\RecentManager.cs 1 usage

No segment for variable: var=0; name="ARG2"; // // Template#string: ENDeX.. 59:10 CRLF UTF-8 Git: master

$$x := a + b$$



Reactive Programming


IJ
Platform
Rider UI
RD
Model
=
=
RD
Model
ReSharper
Host
java
.net

RD Protocol

structure

signal

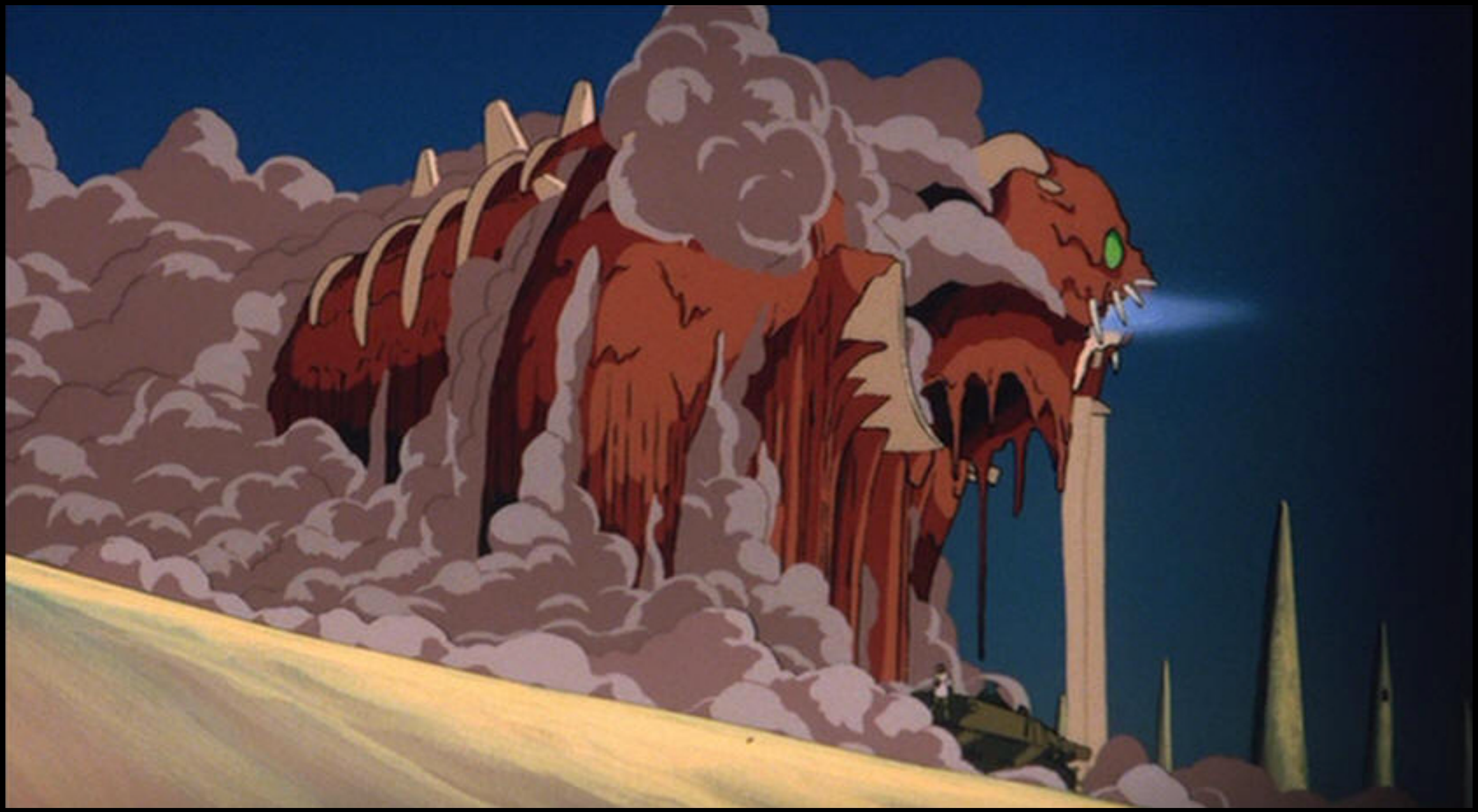
property

map

field

list

- Global
  - P-CurrentRefactoring
    - P-WizardForm
      - S-Next
      - S-Close
      - S-Back
      - P-Execute



Aspects

initialisation

threading

lifecycle

concurrency

cardinality

order

extensibility

nullability

IJ

R#

a.view

a.view

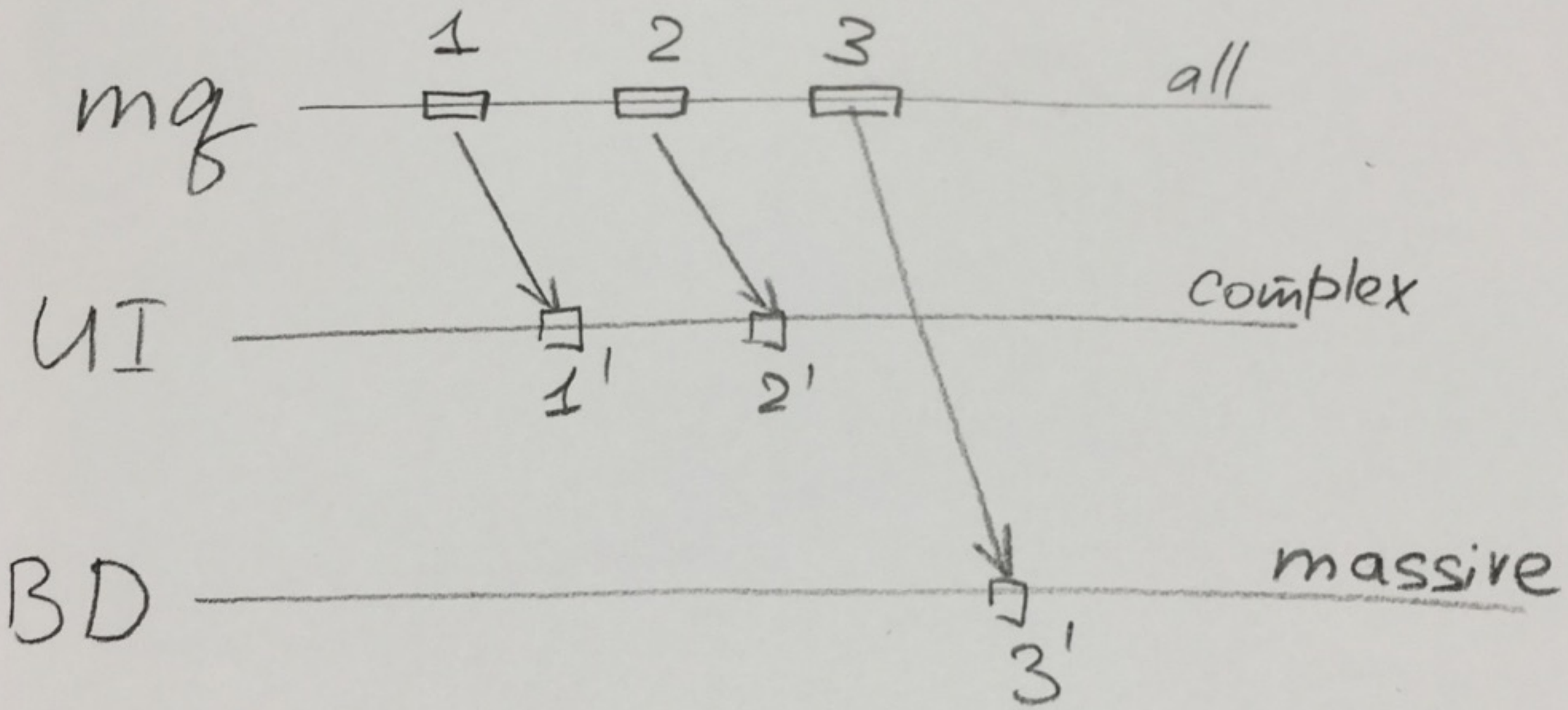
A=true

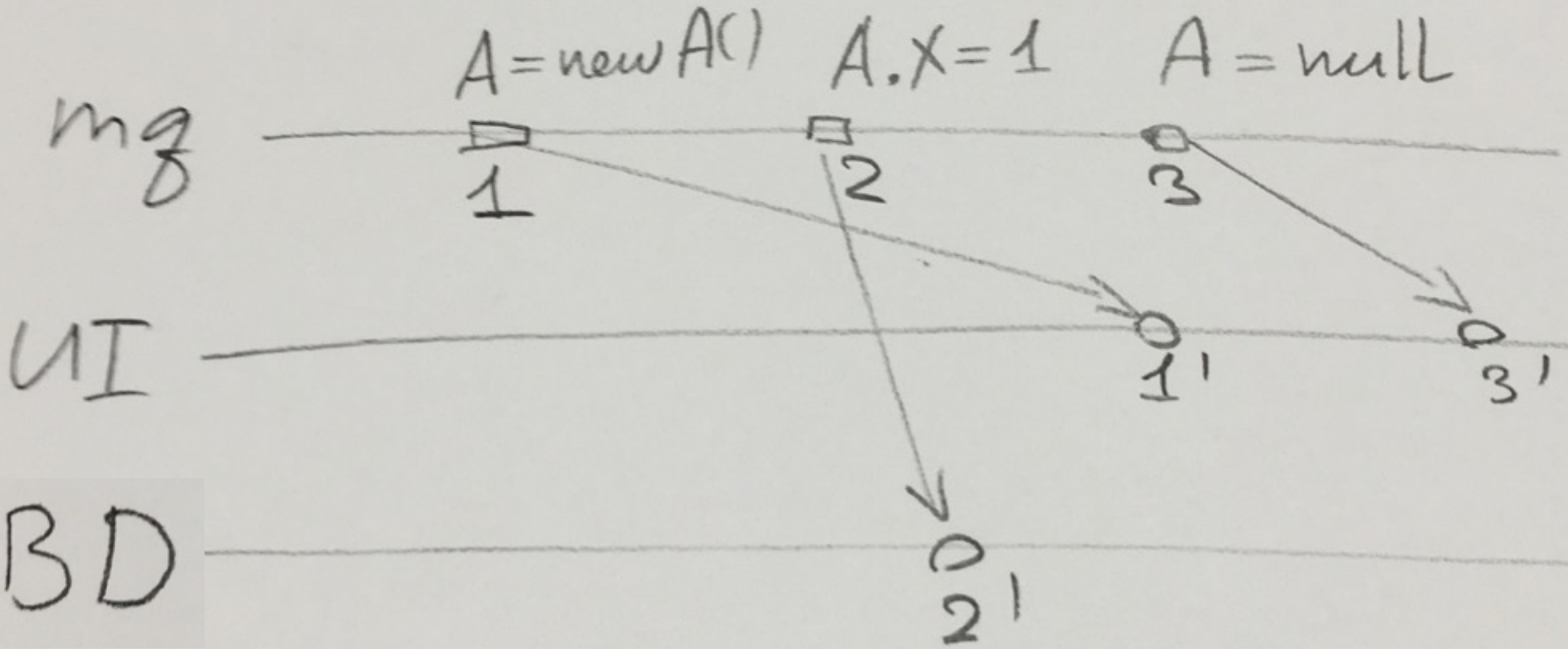
transient

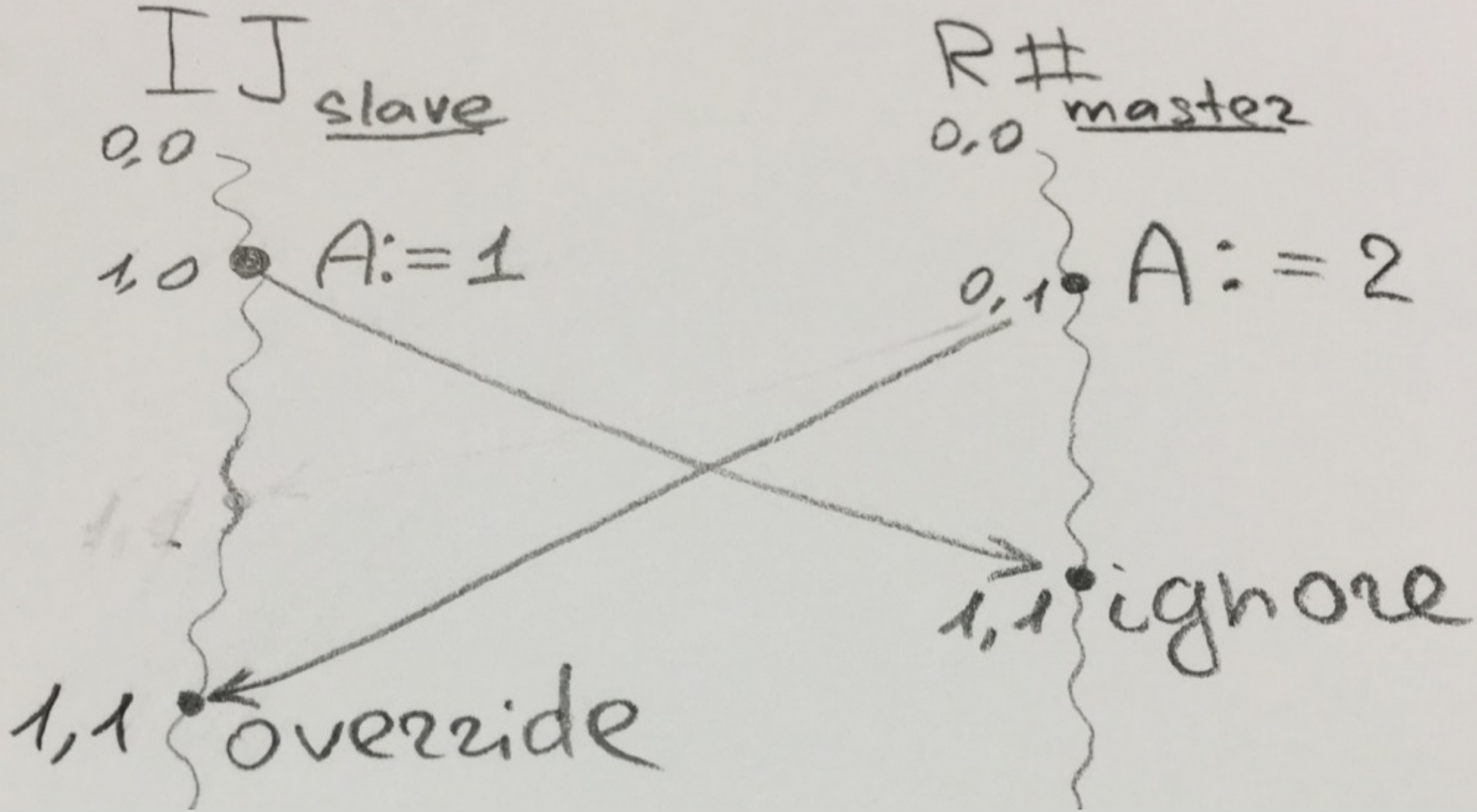
- field
- signal

persistent

- property
- map


1
2
3
mq
all
UI
complex
1'
2'
BD
massive
3'


A=new A()
A.X=1
A=null
mg
1
2
3
UI
1'
3'
BD
2'


IJ
slave
0,0
1,0
A:=1
1,1
override
R#
master2
0,0
0,1
A:=2
1,1
ignore

Challenges

Interop w. IntelliJ languages

ReSharper out of process

Pure MVVM