



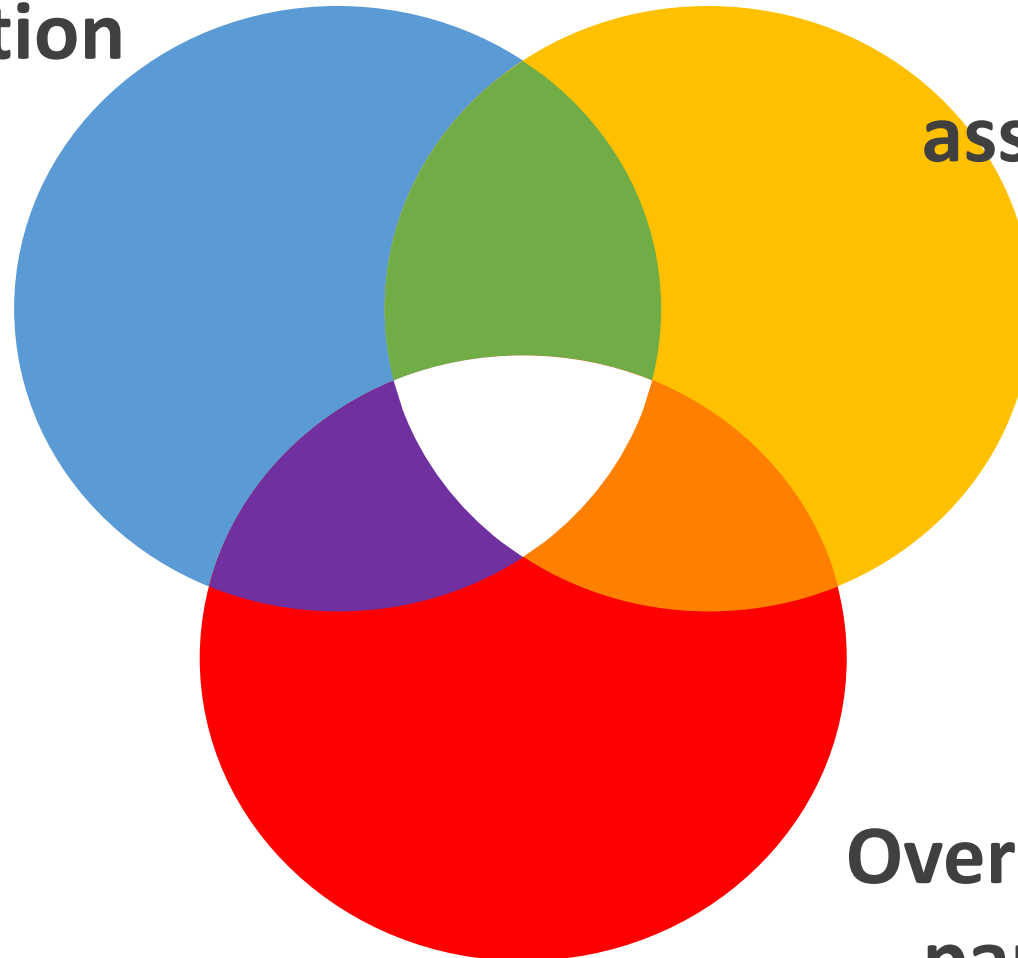
DON'T THINK OUTSIDE THE BOX: THE ART OF INNOVATION

Paul Withers, HCL

Misdirection

False assumptions

Overly concrete parameters





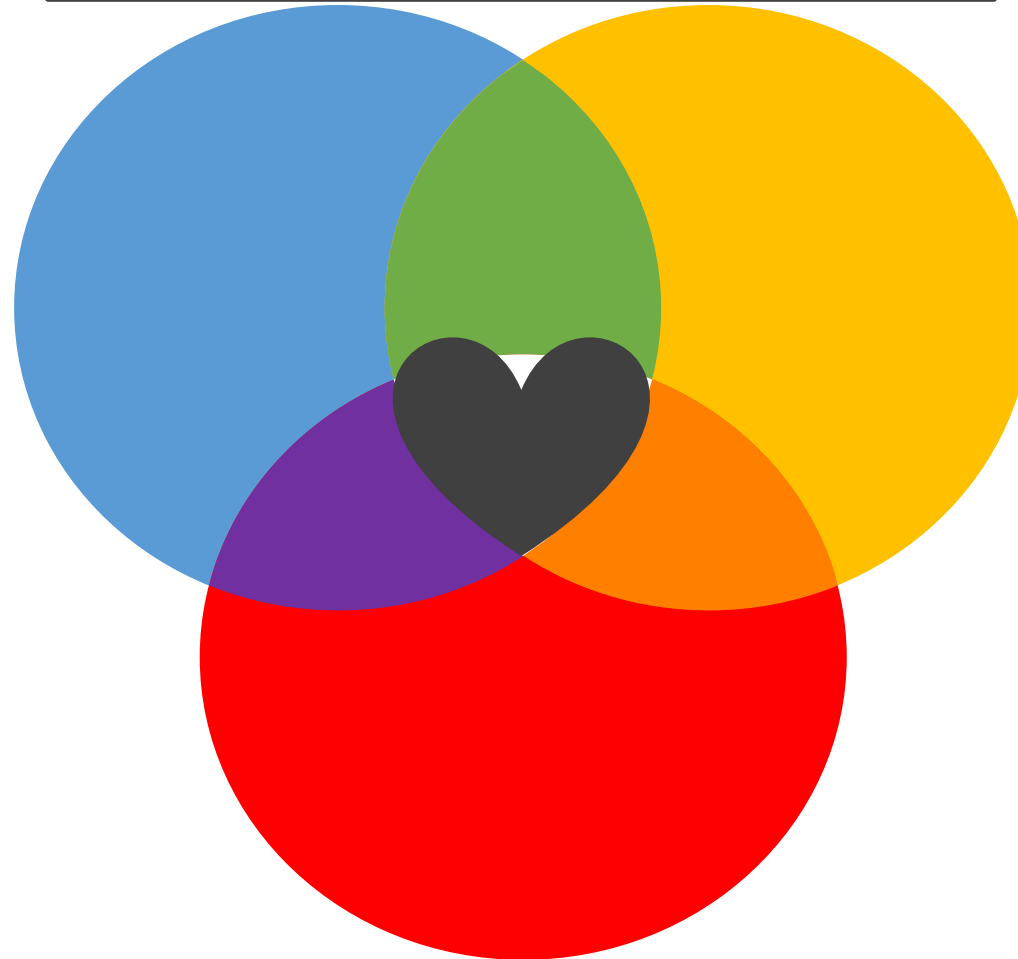
Focus on what's important



Identify and challenge assumptions

**See parameters
But opaquely**

Confidence is mandatory



Nomad Tutorial

HCL Nomad Development Tutorial

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Home

Introduction

The starting point

Pre-requisites



HCL Nomad

Introduction

HCL Nomad brings Domino applications to mobile devices leveraging traditional Domino development skills for the rich client. Desktop client applications can be used without any additional changes in HCL Nomad. But it's worth bearing in mind some differences, and coding accordingly:

- The majority of desktops use a mouse or keyboard shortcuts to navigate. Mobile devices do not, and so pixel-precise access to an application is not possible.
- The screen size and resolution are different. This can have a big impact on usability.
- The screen size and resolution may differ from mobile device to mobile device. This may have an impact on what is exposed.
- The use cases for mobile use are not the same as desktop. On desktop users may live within an application throughout most of the day. On a mobile device that is not the case. On mobile users want to open an app, do their work and move on.
- Application admin functions will typically be done in the office. Do these really need to be exposed on mobile devices?
- Distributed rather than server-only use may require different architectural approaches, to avoid replication / save conflicts.

Project Jig3dw

- GitHub Pages
- Progressive reveal
- “Troubleshoot” blocks
- Copyable code
- “Why?” blocks
- “Challenge Yourself” blocks



Hide troubleshooting

Can you access any other databases on that server via HCL Nomad?

If the server you're deploying to is part of the same trusted domain, the Notes name should work to find it. If not, the fully qualified DNS name will work. If the server is setup to allow you to connect via IP address, entering the IP address will create a connection document. Connection documents in Nomad are the same as connection documents on desktop client and stored in the same place - the local **names.nsf**. So another option, if all else fails, is to copy the connection document from your desktop names.nsf to a database on a server you can already access from HCL Nomad, then move it to the local names.nsf on HCL Nomad.

But typically your Domino Administrator should be able to verify how to access the relevant server from HCL Nomad.

Hide Code

```
<!-- rgb(29,181,54) -->
<xp:div style="font-size:32px;color:#1db536; border: 1px solid black; padding: 4px"
  <i class="fas fa-check-circle" style="padding-right: 5px"></i>
  Completed
</xp:div>

<xp:br></xp:br>
<xp:br></xp:br>
```

[Copy](#)

Hide why

The images will be created using Font Awesome, presented via XPages. The images need to be of an appropriate size for HCL Nomad. With modern screen resolutions, it can be easier to capture the image at a larger size and resize.

Hide challenge

If you want to use this frameset for Notes Client as well, try changing the height options of the dashboard frame of the "mobile" frameset so the scrollbars don't appear either for Notes or HCL Nomad.



Project Keep

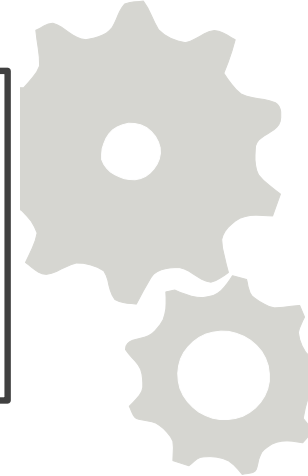
Six personal key targets

1. Ease of installation for target audience
2. Keep Domino security in Domino
3. Simple configurations for basic CRUD
4. Modernisation
5. Extensibility – not there yet
6. Examples and samples – not there yet



Focus on what's important

Identify and challenge assumptions



Confidence

**See parameters
But opaquely**