

A First NetBeans Platform Application

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Agenda

- Create a first NetBeans Platform application

At the end of this session...

- You should:
 - > **Know** what the NetBeans Platform looks like
 - > Be aware of the **tools** that you can use
 - > Be aware of the development **process**
 - > Be aware of the **resources**
 - > **Feel** what it means to be “on the NetBeans Platform
- You will:
 - > Be ready for the next sessions!

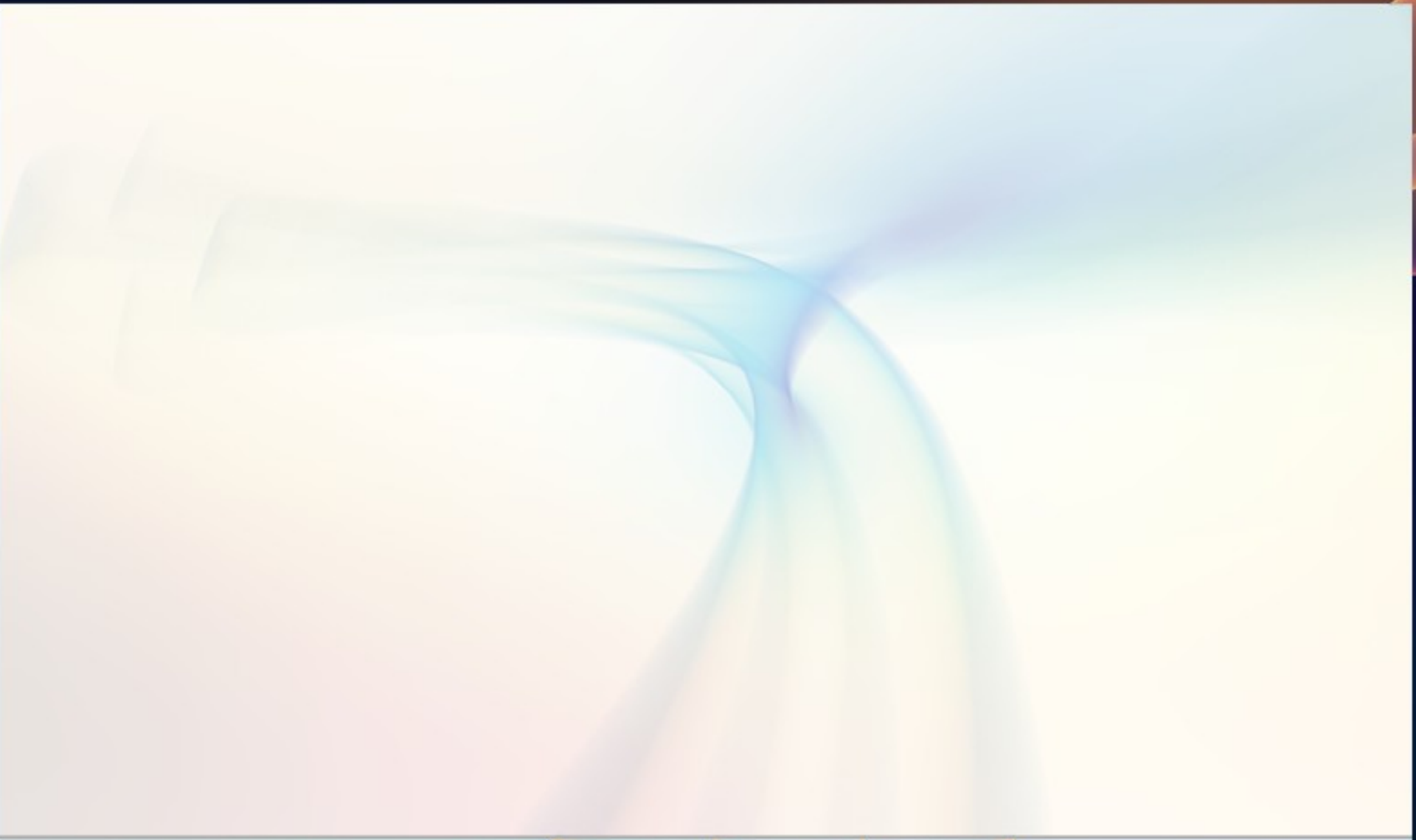
Principles

- Subset of IDE
- Create an application that contains all the IDE's modules
- Exclude everything, except the modules that make up the platform
- On their own, this is a coherent functioning cluster of modules
- The rest of the course will build on top of that

What we will do

1. Create application, via a project template.
2. Exclude unnecessary modules, via customizer.
3. Run application, via Ant from the IDE.
4. Examine what we have.

Demo



Let's look at some others...

1. Paint Application.
2. Feed Reader.
3. JFugue Music Application.
4. Instant JChem.

Generic Process

1. Create source structure
2. Generate API stubs
3. Use editor
4. Use Javadoc
5. Try it out
6. Debug
7. Profile
8. Package
9. Distribute
10. Update

Tools

1. Wizards and templates
2. Project Properties dialog box
3. Menus on project in Projects window
4. Editor (code templates, shortcuts)
5. NetBeans Platform Manager
6. Debugger
7. Profiler

Resources

1. <http://platform.netbeans.org>
2. Tutorials
3. Javadoc
4. NetBeans API Changes
5. NetBeans Developer FAQ
6. Mailing list (dev@openide.netbeans.org)
7. Books

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 - > **I Feel** what it means to be “on the NetBeans Platform
- Therefore I am:
 - > Ready for the next sessions.

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Questions & Answers

