

RCP Mail 2.0 Tutorial

RCP Mail 2.0 Tutorial

- Requires 3.5 M6
- [tutorial zip file](#)
- [Presentation file](#)

Data Binding

- Delayed observables? Only update after a few seconds...not on every keypress
 - `org.eclipse.core.internal.databinding.observable.DelayedObservableValue`
 - `from Observables.observeDelayedValue()`

```
/**
 * {@link IObservableValue} implementation that wraps an
 * {@link IObservableValue} and delays notification of value change events from
 * the wrapped observable value until a certain time has passed since the last
 * change event. This class helps to boost performance in bindings (both in
 * validation and in event firing) when the observed value is rapidly changing.
 * A common use of this class is to delay validation until the user stops typing
 * in an UI field. To notify about pending changes, a DelayedObservableValue
 * fires a stale event when the wrapped observable value fires a change event,
 * and remains stale as long as a value change is pending.
 *
 * Note that this class will not forward {@link ValueChangingEvent} events from
 * a wrapped {@link IVetoableValue}.
 *
 * @since 1.2
 */
```

- `PostSelectionListeners`? Dont update for every selection...but wait a bit.
- `ValidationStatus.ok()`;
- `WizardPageSupport.create(WizardPage, DataBindingContext)`;
- `ObservableListTreeContentProvider` (model provides order)
- `ObservableSetTreeContentProvider` (view provides order)
- `ObservableMapLabelProvider`
- `MasterDetailsObservables`
- `BeansObservables`
- `ViewerSupport.bind()`

Commands

- `ICommandImageService`
- `IWorkbenchActionConstants` - for locationUris for help, file, etc
- `IWorkbenchCommandConstants` - for locationUris for help, file, etc
- `ICommandService`, `IHandlerService`
- `MenuUtil` - location for lots of command stuff
- `ISources` - variables available to the platform

Common Navigator

- Programmatic API: `INavigatorContentService`