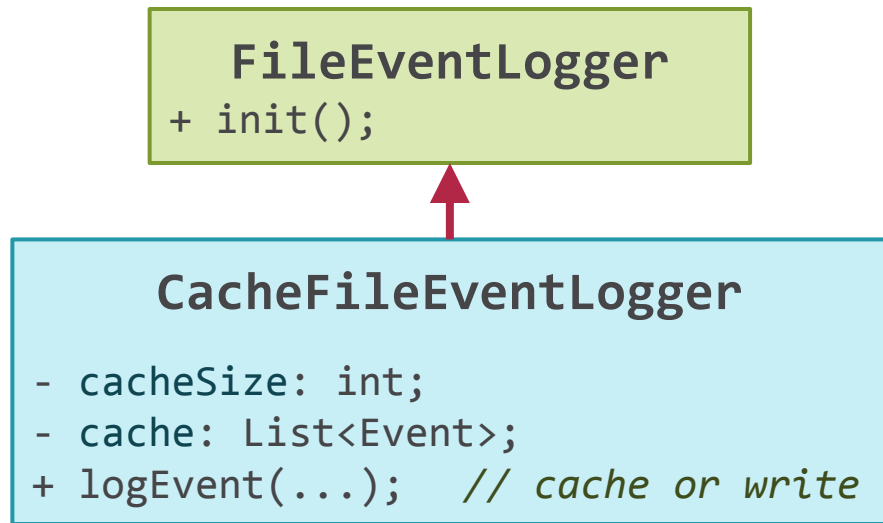




# SPRING FRAMEWORK

## CONTEXT FEATURES

APRIL, 2015



```
<bean id="cacheFileEventLogger" class="..."
    destroy-method="destroy"
    init-method="init">
```

- Parent:

```
<bean id="fileLogger" class="...">  
  <constructor-arg value="log.txt"/>  
</bean>
```

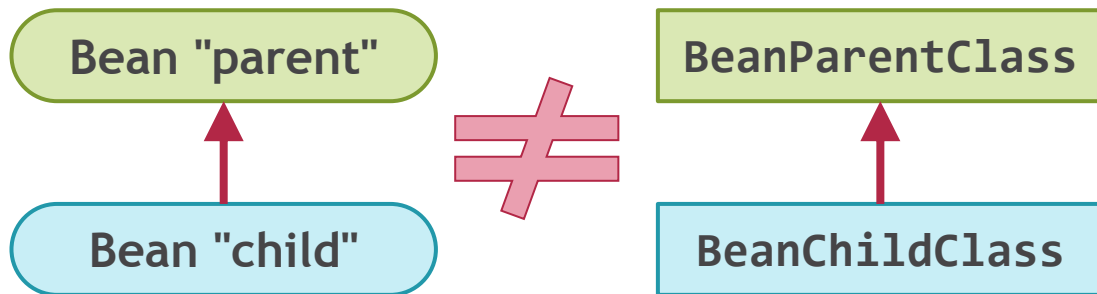
- Child:

```
<bean id="cacheFileLogger" class="..."  
  parent="fileLogger">  
  <constructor-arg value="10"/>  
</bean>
```

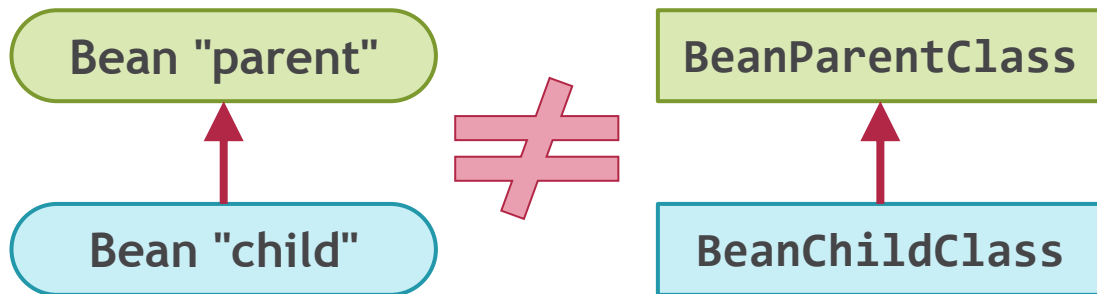
- Abstract:

```
<bean id="..." abstract="true">
```

# BEAN DEFINITION INHERITANCE



# BEAN DEFINITION INHERITANCE



```
<bean id="consoleLogger" class="..." parent="namedLogger"/>
```

```
<bean id="namedLogger" class="...">
  <constructor-arg value="Super:)" />
</bean>
```

```
class NamedLogger {
    NamedLogger(String name){}
}
```

```
class ConsoleLogger {
    ConsoleLogger(String name){}
}
```

# ADDITIONAL FEATURES

## BEAN DEPENDENCY

```
<bean id="monitoring" class="..."  
      depends-on="app"/>  
<bean id="app" class="..." />
```

# ADDITIONAL FEATURES

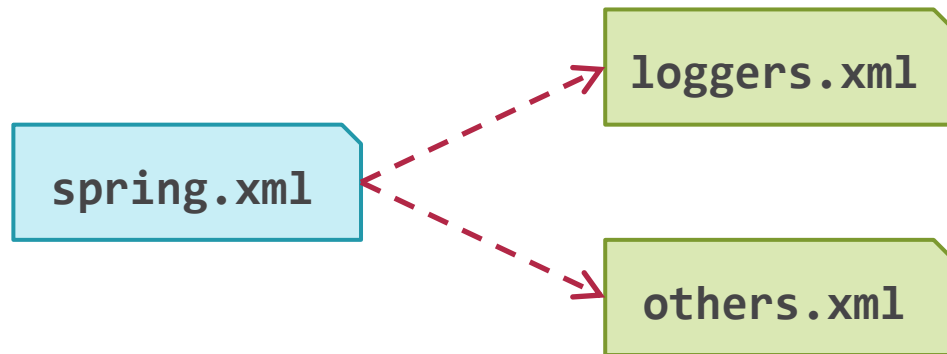
## BEAN DEPENDENCY

```
<bean id="monitoring" class="..."  
      depends-on="app"/>  
<bean id="app" class="..." />
```

## LAZY INITIALIZATION

```
<bean id="lazy" class="..."  
      lazy-init="true"/>
```

- ```
<beans default-lazy-init="true">  
    <!-- no beans will be pre-instantiated... -->  
</beans>
```



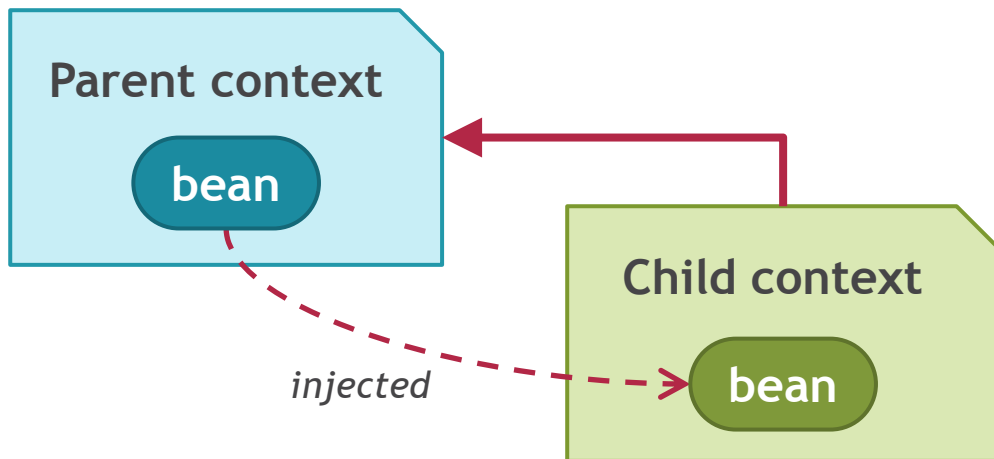
```
<beans ...>
```

```
    <import resource="loggers.xml"/>
```

```
</beans>
```



# MULTIPLE CONTEXTS



```
ApplicationContext parent =  
    new ClassPathXmlApplicationContext(xmls);
```

```
ApplicationContext child =  
    new ClassPathXmlApplicationContext(xmls, parent);
```



# THANK YOU

**YURIY\_TKACH@EPAM.COM**

APRIL, 2015