

JAX-WS and EJB

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Example: EJB-Based Endpoint

```
@WebService
```

```
@Stateless
```

```
public class Calculator {
```

```
    @Resource
```

```
    WebServiceContext context;
```

```
    public int add(int a, int b) {
```

```
        return a+b;
```

```
}
```

```
}
```

- It's a regular EJB 3.0 component, so it can use any EJB features
 - > Transactions, security, interceptors...

Example: Java EE-Based Client

```
@Stateless  
public class MyBean {  
  
    // Resource injection  
    @WebServiceRef(CalculatorService.class)  
    Calculator proxy;  
  
    public int mymethod() {  
        return proxy.add(35, 7);  
    }  
}
```

Thank you!

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