

ITEM level event hooks

```
public String appendItemPageHead() { return ""; }  
public String appendItemPageFoot() { return ""; }
```

```
public void beforeSelectItem() throws Exception {}  
public void beforeChangeItem() throws Exception {}  
public void beforeUpdateItem() throws Exception {}  
public void beforeRenderItem() throws Exception {}  
public void afterUpdateItem() throws Exception {}  
  
public boolean afterUpdateRedirectActive() { return false; }  
public String afterUpdateRedirectContent() { return null; }
```

ITEM execution order: viewing data

1. **beforeSelectItem**
2. Gather form data from database
 - dataFilterActive > dataFilterHandler
 - itemFilterActive > itemFilterHandler
3. **beforeRenderItem**
4. Return form to user

ITEM execution order: posting data

1. **beforeSelectItem**
2. Gather form data from database
3. **beforeChangeItem**
4. Update field values
5. **beforeUpdateItem**
6. Write changes to database
7. **afterUpdateItem**
8. if NO OTHER ACTION:
 - **afterUpdateRedirectActive**
 - if TRUE
 - **afterUpdateRedirectContent**
9. Return content to user

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