融创设计协同办公平台

BPM接口测试报告

**2019年12月**

**修订历史**

| **版本号** | **日期** | **作者** | **修订原因** |
| --- | --- | --- | --- |
| 1.01 | 2019.12.10 | 宋建龙 | 新建 |
|  |  |  |  |
|  |  |  |  |

目 录

[1 简介 4](#_Toc26991140)

[1.1 目的 4](#_Toc26991141)

[1.2 背景 4](#_Toc26991142)

[1.3 参考资料 4](#_Toc26991143)

[1.4 术语与缩写解释 4](#_Toc26991144)

[2 测试概要 4](#_Toc26991145)

[2.1 测试接口 4](#_Toc26991146)

[2.2 测试工具 5](#_Toc26991147)

[3 测试结果及缺陷分析 5](#_Toc26991148)

[3.1 测试执行情况与记录 5](#_Toc26991149)

[3.1.1 测试时间 5](#_Toc26991150)

[3.2 覆盖分析 5](#_Toc26991151)

[3.2.1 需求覆盖 6](#_Toc26991152)

[3.2.2 发起流程接口测试报文 6](#_Toc26991153)

[3.2.3 审批过程中修改接口测试报文 12](#_Toc26991154)

[3.2.4 流程作废接口测试报文 16](#_Toc26991155)

[3.2.5 查询流程实例接口测试报文 17](#_Toc26991156)

[3.2.6 CreateResult接口测试报文 19](#_Toc26991157)

[3.2.7 ApproveClose接口测试报文 20](#_Toc26991158)

[3.2.8 Rework接口测试报文 22](#_Toc26991159)

[3.2.9 Audit接口测试报文 25](#_Toc26991160)

[3.3 缺陷的统计与分析 27](#_Toc26991161)

[3.3.1 缺陷汇总 27](#_Toc26991162)

[3.3.2 遗留问题 27](#_Toc26991163)

[4 测试结论与建议 27](#_Toc26991164)

[4.1 测试结论 27](#_Toc26991165)

[4.2 改进建议 28](#_Toc26991166)

# 简介

## 目的

总结项目过程中发现的BUG情况，以及跟踪BUG修复状况。

## 背景

融创设计协同办公平台接口测试环境已经测试完成。

## 参考资料

融创BPM-ESB跟业务系统接口文档说明V1.5.docx

集成接口标准化技术实现说明文档-20190731-V2.pdf

## 术语与缩写解释

|  |  |
| --- | --- |
| **术语、缩写** | **解释** |
|  |  |

# 测试概要

## 测试接口

|  |
| --- |
| **测试接口** |
| CAD\_SUNAC\_564\_WriteSAPXmlToBPM\_PS |
| CAD\_SUNAC\_565\_UpdateAndApproveFlow\_PS |
| CAD\_SUNAC\_566\_DoInvalid\_PS |
| CAD\_SUNAC\_567\_GetFlowState\_PS |
| BPM\_SUNAC\_557\_Audit |
| BPM\_SUNAC\_556\_CreateResult |
| BPM\_SUNAC\_558\_Rework |
| BPM\_SUNAC\_559\_ApproveClose |

## 测试工具

|  |  |  |  |
| --- | --- | --- | --- |
| **工具** | **用途** | **生长厂商/自产** | **版本** |
| *SoapUI* | 发送SOAP请求 |  | 5.12 |

# 测试结果及缺陷分析

## 测试执行情况与记录

### 测试时间

|  |  |  |  |
| --- | --- | --- | --- |
| **任务** | **开始时间** | **结束时间** | **总计（人/天）** |
| *测试用例* | 11月20日 | 11月22日 | 2 |
| *测试执行* | 12月5日 | 11月6日 | 1 |
| *测试报告* | 12月9日 | 12月10日 | 1 |
| **合计** |  |  | 4 |

## 覆盖分析

### 需求覆盖

|  |  |  |  |
| --- | --- | --- | --- |
| **需求（或编号）** | **测试类型** | **是否通过** | **备注** |
| 流程发起 | *测试工具* | **[Y]** |  |
| 流程过程中的修改 | *测试工具* | **[Y]** |  |
| 流程作废 | *测试工具* | **[Y]** |  |
| 流程状态查询 | *测试工具* | **[Y]** |  |
| 流程发起成功，向业务系统提交创建结果 | *测试工具* | **[Y]** |  |
| 流程审批(通过)，审批记录知会到业务系统 | *测试工具* | **[Y]** |  |
| 流程审批(退回、发起人取消） | *测试工具* | **[Y]** |  |
| 流程审批结束(通过、拒绝、作废) | *测试工具* | **[Y]** |  |

### 发起流程接口测试报文

请求报文

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:cad="http://www.ekingwin.com/esb/CAD\_SUNAC\_564\_WriteSAPXmlToBPM">

<soapenv:Header/>

<soapenv:Body>

<cad:CAD\_SUNAC\_564\_WriteSAPXmlToBPM>

<I\_REQUEST>

<REQ\_BASEINFO>

<REQ\_TRACE\_ID>10252C9A4C0C43808770D04E0FB364C7</REQ\_TRACE\_ID>

<REQ\_SEND\_TIME>20191125161154</REQ\_SEND\_TIME>

<REQ\_SRC\_SYS>BS\_CAD\_BPM</REQ\_SRC\_SYS>

<REQ\_TAR\_SYS>BS\_CAD\_BPM</REQ\_TAR\_SYS>

<REQ\_SERVER\_NAME>CAD\_SUNAC\_564\_WriteSAPXmlToBPM</REQ\_SERVER\_NAME>

<REQ\_SYN\_FLAG>0</REQ\_SYN\_FLAG>

<REQ\_BSN\_ID>?</REQ\_BSN\_ID>

<REQ\_RETRY\_TIMES>?</REQ\_RETRY\_TIMES>

<REQ\_REPEAT\_FLAG>?</REQ\_REPEAT\_FLAG>

<REQ\_REPEAT\_CYCLE>?</REQ\_REPEAT\_CYCLE>

<BIZTRANSACTIONID>?</BIZTRANSACTIONID>

<COUNT>?</COUNT>

</REQ\_BASEINFO>

<MESSAGE>

<!--Zero or more repetitions:-->

<REQ\_ITEM>

<!--Optional:-->

<BSID>vsheji</BSID>

<!--Optional:-->

<BTID>P11</BTID>

<!--Optional:-->

<BOID>78</BOID>

<!--Optional:-->

<BSXML>

<![CDATA[

<?xml version="1.0" encoding="utf-8"?>

<DATA xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema">

<PageCode>P11</PageCode>

<prototypeID>78</prototypeID>

<region>北京区域,华北区域,上海区域,西南区域,东南区域,广深区域,华中区域,广深区域</region>

<dynamicType>动态模块</dynamicType>

<functionalAreas>厨房,卫生间,卧室,客厅</functionalAreas>

<openType>外开</openType>

<openCount>1扇</openCount>

<isCorner>否</isCorner>

<isMirror>否</isMirror>

<widthRange>1600.00mm- 2000.00mm</widthRange>

<airVolumeFormula>(W1-85)\*(H1-85)</airVolumeFormula>

<ATTACHMENTS1>

<ITEM>

<FILENUMBER>1</FILENUMBER>

<FILENAME>WINDOW\_WC8\_1.DWG</FILENAME>

<DESCRIPTION>WINDOW\_WC8\_1.DWG</DESCRIPTION>

<FILESIZE>0</FILESIZE>

<URL>http://des.sunac.com.cn/uploader/cad/2019/10/12/8d8e086f-4a97-4ea9-98ec-b95e23a9a87f.dwg</URL>

<FILE\_ID\_DMS>http://des.sunac.com.cn/uploader/cad/2019/10/12/8d8e086f-4a97-4ea9-98ec-b95e23a9a87f.dwg</FILE\_ID\_DMS>

</ITEM>

<ITEM>

<FILENUMBER>2</FILENUMBER>

<FILENAME>WINDOW\_WC8\_1.DWG</FILENAME>

<DESCRIPTION>WINDOW\_WC8\_1.DWG</DESCRIPTION>

<FILESIZE>0</FILESIZE>

<URL>http://des.sunac.com.cn/uploader/cad/2019/10/12/d9a19b01-7fda-4063-a227-a8d01687e9b2.dwg</URL>

<FILE\_ID\_DMS>http://des.sunac.com.cn/uploader/cad/2019/10/12/d9a19b01-7fda-4063-a227-a8d01687e9b2.dwg</FILE\_ID\_DMS>

</ITEM>

<ITEM>

<FILENUMBER>3</FILENUMBER>

<FILENAME>WINDOW\_WC8\_1\_P.DWG</FILENAME>

<DESCRIPTION>WINDOW\_WC8\_1\_P.DWG</DESCRIPTION>

<FILESIZE>0</FILESIZE>

<URL>http://des.sunac.com.cn/uploader/cad/2019/10/12/0ac92a5a-dd62-423e-bda9-1b6895694513.dwg</URL>

<FILE\_ID\_DMS>http://des.sunac.com.cn/uploader/cad/2019/10/12/0ac92a5a-dd62-423e-bda9-1b6895694513.dwg</FILE\_ID\_DMS>

</ITEM>

</ATTACHMENTS1>

<SizeParas>

<SizePara>

<code>W1</code>

<valueType>系列</valueType>

<value>650,700</value>

<minValue>0.00</minValue>

<maxValue>0.00</maxValue>

<defaultValue>650.00</defaultValue>

<valueDescription />

</SizePara>

<SizePara>

<code>W2</code>

<valueType>公式</valueType>

<value>W-2a-W1</value>

<minValue>0.00</minValue>

<maxValue>0.00</maxValue>

<defaultValue>0.00</defaultValue>

<valueDescription />

</SizePara>

<SizePara>

<code>W3</code>

<valueType>无</valueType>

<value />

<minValue>0.00</minValue>

<maxValue>0.00</maxValue>

<defaultValue>0.00</defaultValue>

<valueDescription />

</SizePara>

<SizePara>

<code>H1</code>

<valueType>公式</valueType>

<value>H-2a-H2</value>

<minValue>0.00</minValue>

<maxValue>0.00</maxValue>

<defaultValue>0.00</defaultValue>

<valueDescription />

</SizePara>

<SizePara>

<code>H2</code>

<valueType>系列</valueType>

<value>500,400</value>

<minValue>0.00</minValue>

<maxValue>0.00</maxValue>

<defaultValue>400.00</defaultValue>

<valueDescription />

</SizePara>

<SizePara>

<code>H3</code>

<valueType>无</valueType>

<value />

<minValue>0.00</minValue>

<maxValue>0.00</maxValue>

<defaultValue>0.00</defaultValue>

<valueDescription />

</SizePara>

<SizePara>

<code>R</code>

<valueType>无</valueType>

<value />

<minValue>0.00</minValue>

<maxValue>0.00</maxValue>

<defaultValue>0.00</defaultValue>

<valueDescription />

</SizePara>

</SizeParas>

</DATA>

]]>

</BSXML>

<!--Optional:-->

<procInstID>0</procInstID>

<!--Optional:-->

<userid>zhaoy58</userid>

</REQ\_ITEM>

</MESSAGE>

</I\_REQUEST>

</cad:CAD\_SUNAC\_564\_WriteSAPXmlToBPM>

</soapenv:Body>

</soapenv:Envelope>



**返回报文：**

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">

<soap:Body xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">

<wywz:CAD\_SUNAC\_564\_WriteSAPXmlToBPM\_RSP xmlns:wywz="http://www.ekingwin.com/esb/CAD\_SUNAC\_564\_WriteSAPXmlToBPM">

<E\_RESPONSE>

<RSP\_BASEINFO>

<RSP\_TRACE\_ID>b2e4ef3e-b228-4c73-9d0b-31fd5e2ee903</RSP\_TRACE\_ID>

<RSP\_REQ\_TRACEID>10252C9A4C0C43808770D04E0FB364C7</RSP\_REQ\_TRACEID>

<RSP\_SEND\_TIME>20191125045222</RSP\_SEND\_TIME>

<RSP\_SRC\_SYS>BS\_CAD\_BPM</RSP\_SRC\_SYS>

<RSP\_TAR\_SYS>BS\_CAD\_BPM</RSP\_TAR\_SYS>

<RSP\_SERVER\_NAME>CAD\_SUNAC\_564\_WriteSAPXmlToBPM</RSP\_SERVER\_NAME>

<RSP\_BSN\_ID>78</RSP\_BSN\_ID>

<RSP\_RETRY\_TIMES>1</RSP\_RETRY\_TIMES>

<RSP\_STATUS\_CODE>S000</RSP\_STATUS\_CODE>

<RSP\_STATUS\_MSG>成功</RSP\_STATUS\_MSG>

<BIZTRANSACTIONID>?</BIZTRANSACTIONID>

<RESULT>0</RESULT>

</RSP\_BASEINFO>

<MESSAGE>

<RSP\_ITEM>

<STATUSCODE>1</STATUSCODE>

<STATUSMESSAGE>成功</STATUSMESSAGE>

</RSP\_ITEM>

</MESSAGE>

</E\_RESPONSE>

</wywz:CAD\_SUNAC\_564\_WriteSAPXmlToBPM\_RSP>

</soap:Body>

</soapenv:Envelope>

### 审批过程中修改接口测试报文

请求报文

ESB请求参数

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:cad="http://www.ekingwin.com/esb/CAD\_SUNAC\_565\_UpdateAndApproveFlow">

  <soapenv:Header/>

  <soapenv:Body>

   <cad:CAD\_SUNAC\_565\_UpdateAndApproveFlow>

     <I\_REQUEST>

      <REQ\_BASEINFO>

        <REQ\_TRACE\_ID>D117269C63D94778A829CB24ED7C50B4</REQ\_TRACE\_ID>

        <REQ\_SEND\_TIME>20191210151229</REQ\_SEND\_TIME>

        <REQ\_SRC\_SYS>CAD\_TO\_BPM</REQ\_SRC\_SYS>

        <REQ\_TAR\_SYS>CAD\_TO\_BPM</REQ\_TAR\_SYS>

        <REQ\_SERVER\_NAME>?</REQ\_SERVER\_NAME>

        <REQ\_SYN\_FLAG>?</REQ\_SYN\_FLAG>

        <REQ\_BSN\_ID>?</REQ\_BSN\_ID>

        <REQ\_RETRY\_TIMES>?</REQ\_RETRY\_TIMES>

        <REQ\_REPEAT\_FLAG>?</REQ\_REPEAT\_FLAG>

        <REQ\_REPEAT\_CYCLE>?</REQ\_REPEAT\_CYCLE>

        <BIZTRANSACTIONID>CAD\_SUNAC\_565\_UpdateAndApproveFlow\_PS20191210155302</BIZTRANSACTIONID>

        <COUNT>?</COUNT>

      </REQ\_BASEINFO>

      <MESSAGE>

        <!--Zero or more repetitions:-->

        <REQ\_ITEM>

         <!--Optional:-->

         <!--Optional:-->

         <procInstId>1912000846</procInstId><jobid>?</jobid>

         <!--Optional:-->

         <!--Optional:-->

         <xmldata><![CDATA[<?xml version="1.0" encoding="utf-8"?> <DATA xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">  <FSubject>动态外窗原型审批-261</FSubject>  <PageCode>P11</PageCode>  <prototypeID>261</prototypeID>  <region>集团</region>  <dynamicType>动态模块</dynamicType>  <functionalAreas>厨房,卫生间,卧室,客厅</functionalAreas>  <openType>外开</openType>  <openCount>2扇</openCount>  <isCorner>是</isCorner>  <isMirror>否</isMirror>  <widthRange>1200.00mm- 1600.00mm</widthRange>  <airVolumeFormula>w1\*H</airVolumeFormula>  <ATTACHMENTS1>    <ITEM>      <FILENUMBER>1</FILENUMBER>      <FILENAME>WINDOW\_WC9.DWG</FILENAME>      <DESCRIPTION>WINDOW\_WC9.DWG</DESCRIPTION>      <FILESIZE>0</FILESIZE>      <URL>http://des.sunac.com.cn/uploader/cad/2019/12/10/963ecee4-dd5f-474f-a63e-fe1b4070bc8b.dwg</URL>      <FILE\_ID\_DMS>http://des.sunac.com.cn/uploader/cad/2019/12/10/963ecee4-dd5f-474f-a63e-fe1b4070bc8b.dwg</FILE\_ID\_DMS>    </ITEM>    <ITEM>      <FILENUMBER>2</FILENUMBER>      <FILENAME>WINDOW\_WC9.DWG</FILENAME>      <DESCRIPTION>WINDOW\_WC9.DWG</DESCRIPTION>      <FILESIZE>0</FILESIZE>      <URL>http://des.sunac.com.cn/uploader/cad/2019/12/10/6dcb98f1-bf5f-4c01-abc2-3ad4179007d4.dwg</URL>      <FILE\_ID\_DMS>http://des.sunac.com.cn/uploader/cad/2019/12/10/6dcb98f1-bf5f-4c01-abc2-3ad4179007d4.dwg</FILE\_ID\_DMS>    </ITEM>    <ITEM>      <FILENUMBER>3</FILENUMBER>      <FILENAME>WINDOW\_WC9\_P.DWG</FILENAME>      <DESCRIPTION>WINDOW\_WC9\_P.DWG</DESCRIPTION>      <FILESIZE>0</FILESIZE>      <URL>http://des.sunac.com.cn/uploader/cad/2019/12/10/3cce959f-a725-400b-b8d7-fee633d26f72.dwg</URL>      <FILE\_ID\_DMS>http://des.sunac.com.cn/uploader/cad/2019/12/10/3cce959f-a725-400b-b8d7-fee633d26f72.dwg</FILE\_ID\_DMS>    </ITEM>  </ATTACHMENTS1>  <SizeParas>    <SizePara>      <code>W2</code>      <valueType>无</valueType>      <value />      <minValue>0.00</minValue>      <maxValue>0.00</maxValue>      <defaultValue>0.00</defaultValue>      <valueDescription />    </SizePara>    <SizePara>      <code>W3</code>      <valueType>无</valueType>      <value />      <minValue>0.00</minValue>      <maxValue>0.00</maxValue>      <defaultValue>0.00</defaultValue>      <valueDescription />    </SizePara>    <SizePara>      <code>H1</code>      <valueType>无</valueType>      <value />      <minValue>0.00</minValue>      <maxValue>0.00</maxValue>      <defaultValue>0.00</defaultValue>      <valueDescription />    </SizePara>    <SizePara>      <code>H2</code>      <valueType>无</valueType>      <value />      <minValue>0.00</minValue>      <maxValue>0.00</maxValue>      <defaultValue>0.00</defaultValue>      <valueDescription />    </SizePara>    <SizePara>      <code>H3</code>      <valueType>无</valueType>      <value />      <minValue>0.00</minValue>      <maxValue>0.00</maxValue>      <defaultValue>0.00</defaultValue>      <valueDescription />    </SizePara>    <SizePara>      <code>R</code>      <valueType>无</valueType>      <value />      <minValue>0.00</minValue>      <maxValue>0.00</maxValue>      <defaultValue>0.00</defaultValue>      <valueDescription />    </SizePara>    <SizePara>      <code>W1</code>      <valueType>公式</valueType>      <value>w/2</value>      <minValue>0.00</minValue>      <maxValue>0.00</maxValue>      <defaultValue>600.00</defaultValue>      <valueDescription />    </SizePara>  </SizeParas> </DATA>]]></xmldata>

         <!--Optional:-->

         <userid>zhaoy58</userid><comments>?</comments>

        </REQ\_ITEM>

      </MESSAGE>

     </I\_REQUEST>

   </cad:CAD\_SUNAC\_565\_UpdateAndApproveFlow>

  </soapenv:Body>

</soapenv:Envelope>

返回报文

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">

  <soap:Body xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">

   <wywz:CAD\_SUNAC\_565\_UpdateAndApproveFlow\_RSP xmlns:wywz="http://www.ekingwin.com/esb/CAD\_SUNAC\_565\_UpdateAndApproveFlow">

     <E\_RESPONSE>

      <RSP\_BASEINFO>

        <RSP\_TRACE\_ID>48f71197-f46e-40ec-858b-ab8bc8b169ac</RSP\_TRACE\_ID>

        <RSP\_REQ\_TRACEID>D117269C63D94778A829CB24ED7C50B4</RSP\_REQ\_TRACEID>

        <RSP\_SEND\_TIME>20191211041355</RSP\_SEND\_TIME>

        <RSP\_SRC\_SYS>CAD\_TO\_BPM</RSP\_SRC\_SYS>

        <RSP\_TAR\_SYS>CAD\_TO\_BPM</RSP\_TAR\_SYS>

        <RSP\_SERVER\_NAME>?</RSP\_SERVER\_NAME>

        <RSP\_BSN\_ID>1912000846</RSP\_BSN\_ID>

        <RSP\_RETRY\_TIMES>1</RSP\_RETRY\_TIMES>

        <RSP\_STATUS\_CODE>E0M1</RSP\_STATUS\_CODE>

        <RSP\_STATUS\_MSG></RSP\_STATUS\_MSG>

        <BIZTRANSACTIONID>CAD\_SUNAC\_565\_UpdateAndApproveFlow\_PS20191210155302</BIZTRANSACTIONID>

        <RESULT>1</RESULT>

      </RSP\_BASEINFO>

      <MESSAGE>

        <RSP\_ITEM>

         <STATUSCODE>0</STATUSCODE>

         <STATUSMESSAGE>0|BPM </STATUSMESSAGE>

        </RSP\_ITEM>

      </MESSAGE>

     </E\_RESPONSE>

   </wywz:CAD\_SUNAC\_565\_UpdateAndApproveFlow\_RSP>

  </soap:Body>

</soapenv:Envelope>

审批通过状态：通过

### 流程作废接口测试报文

请求报文

ESB请求参数

<CAD\_SUNAC\_566\_DoInvalid xmlns="http://www.ekingwin.com/esb/CAD\_SUNAC\_566\_DoInvalid" xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:v1="http://www.ekingwin.com/basi/sb/log/v1"xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">

<I\_REQUEST xmlns="">

<REQ\_BASEINFO>

<REQ\_TRACE\_ID>52A1E4F7AB6545C395FC0475663334BF</REQ\_TRACE\_ID>

<REQ\_SEND\_TIME>20191209181236</REQ\_SEND\_TIME>

<REQ\_SRC\_SYS>BS\_CAD\_BPM</REQ\_SRC\_SYS>

<REQ\_TAR\_SYS>BS\_CAD\_BPM</REQ\_TAR\_SYS>

<REQ\_SERVER\_NAME>CAD\_SUNAC\_566\_DoInvalid</REQ\_SERVER\_NAME>

<REQ\_SYN\_FLAG>0</REQ\_SYN\_FLAG>

<BIZTRANSACTIONID>CAD\_SUNAC\_566\_DoInvalid\_PS20191209182736</BIZTRANSACTIONID>

</REQ\_BASEINFO>

<MESSAGE>

<REQ\_ITEM>

<BSID>vsheji</BSID>

<BTID>P11</BTID>

<BOID>256</BOID>

<userid>zhaoy58</userid>

<procInstID>1912000789</procInstID>

<invalidComment>zhaoy58用户撤销</invalidComment>

</REQ\_ITEM>

</MESSAGE>

</I\_REQUEST>

</CAD\_SUNAC\_566\_DoInvalid>

返回报文

<wywz:CAD\_SUNAC\_566\_DoInvalid\_RSP xmlns="" xmlns:wywz="http://www.ekingwin.com/esb/CAD\_SUNAC\_566\_DoInvalid" xmlns:xsd="http://www.w3.org/2001/XMLSchema"xmlns:v1="http://www.ekingwin.com/basi/sb/log/v1" xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">

<E\_RESPONSE>

<RSP\_BASEINFO>

<RSP\_TRACE\_ID>368e18cd-7c81-4660-b0d3-131457ecaf4a</RSP\_TRACE\_ID>

<RSP\_REQ\_TRACEID>52A1E4F7AB6545C395FC0475663334BF</RSP\_REQ\_TRACEID>

<RSP\_SEND\_TIME>20191209062759</RSP\_SEND\_TIME>

<RSP\_SRC\_SYS>BS\_CAD\_BPM</RSP\_SRC\_SYS>

<RSP\_TAR\_SYS>BS\_CAD\_BPM</RSP\_TAR\_SYS>

<RSP\_SERVER\_NAME>CAD\_SUNAC\_566\_DoInvalid</RSP\_SERVER\_NAME>

<RSP\_BSN\_ID>256</RSP\_BSN\_ID>

<RSP\_RETRY\_TIMES>1</RSP\_RETRY\_TIMES>

<RSP\_STATUS\_CODE>S000</RSP\_STATUS\_CODE>

<RSP\_STATUS\_MSG>成功</RSP\_STATUS\_MSG>

<BIZTRANSACTIONID>CAD\_SUNAC\_566\_DoInvalid\_PS20191209182736</BIZTRANSACTIONID>

<RESULT>0</RESULT>

</RSP\_BASEINFO>

<MESSAGE>

<RSP\_ITEM>

<STATUSCODE>1</STATUSCODE>

<STATUSMESSAGE>成功</STATUSMESSAGE>

</RSP\_ITEM>

</MESSAGE>

</E\_RESPONSE>

</wywz:CAD\_SUNAC\_566\_DoInvalid\_RSP>

### 查询流程实例接口测试报文

请求报文

ESB需求参数

<CAD\_SUNAC\_567\_GetFlowState xmlns="http://www.ekingwin.com/esb/CAD\_SUNAC\_567\_GetFlowState" xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:v1="http://www.ekingwin.com/basi/sb/log/v1"xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">

<I\_REQUEST xmlns="">

<REQ\_BASEINFO>

<REQ\_TRACE\_ID>EC25EE02DA82409B946A2505BD7254FE</REQ\_TRACE\_ID>

<REQ\_SEND\_TIME>20191210161231</REQ\_SEND\_TIME>

<REQ\_SRC\_SYS>BS\_CAD\_BPM</REQ\_SRC\_SYS>

<REQ\_TAR\_SYS>BS\_CAD\_BPM</REQ\_TAR\_SYS>

<REQ\_SERVER\_NAME>CAD\_SUNAC\_567\_GetFlowState\_PS</REQ\_SERVER\_NAME>

<REQ\_SYN\_FLAG>0</REQ\_SYN\_FLAG>

<BIZTRANSACTIONID>CAD\_SUNAC\_567\_GetFlowState\_PS20191210161231</BIZTRANSACTIONID>

</REQ\_BASEINFO>

<MESSAGE>

<REQ\_ITEM>

<procInstID>1912000846</procInstID>

<userid>ZHAOY58</userid>

</REQ\_ITEM>

</MESSAGE>

</I\_REQUEST>

</CAD\_SUNAC\_567\_GetFlowState>

返回报文

<wywz:CAD\_SUNAC\_567\_GetFlowState\_RSP xmlns="" xmlns:wywz="http://www.ekingwin.com/esb/CAD\_SUNAC\_567\_GetFlowState" xmlns:xsd="http://www.w3.org/2001/XMLSchema"xmlns:v1="http://www.ekingwin.com/basi/sb/log/v1" xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">

<E\_RESPONSE>

<RSP\_BASEINFO>

<RSP\_TRACE\_ID>3c6f3969-af0d-43d3-9e27-f35b9131fe3f</RSP\_TRACE\_ID>

<RSP\_REQ\_TRACEID>EC25EE02DA82409B946A2505BD7254FE</RSP\_REQ\_TRACEID>

<RSP\_SEND\_TIME>20191210041300</RSP\_SEND\_TIME>

<RSP\_SRC\_SYS>BS\_CAD\_BPM</RSP\_SRC\_SYS>

<RSP\_TAR\_SYS>BS\_CAD\_BPM</RSP\_TAR\_SYS>

<RSP\_SERVER\_NAME>CAD\_SUNAC\_567\_GetFlowState\_PS</RSP\_SERVER\_NAME>

<RSP\_BSN\_ID>1912000846</RSP\_BSN\_ID>

<RSP\_RETRY\_TIMES>1</RSP\_RETRY\_TIMES>

<RSP\_STATUS\_CODE>S000</RSP\_STATUS\_CODE>

<RSP\_STATUS\_MSG>成功</RSP\_STATUS\_MSG>

<BIZTRANSACTIONID>CAD\_SUNAC\_567\_GetFlowState\_PS20191210161231</BIZTRANSACTIONID>

<RESULT>0</RESULT>

</RSP\_BASEINFO>

<MESSAGE>

<RSP\_ITEM>

<STATUSCODE>1</STATUSCODE>

<STATUSMESSAGE>2</STATUSMESSAGE>

</RSP\_ITEM>

</MESSAGE>

</E\_RESPONSE>

</wywz:CAD\_SUNAC\_567\_GetFlowState\_RSP>

### CreateResult接口测试报文

请求报文：

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:cad="http://www.ekingwin.com/esb/CAD\_SUNAC\_568\_CreateResult">

<soapenv:Header/>

<soapenv:Body>

<cad:CAD\_SUNAC\_568\_CreateResult>

<I\_REQUEST>

<REQ\_BASEINFO>

<REQ\_TRACE\_ID>f7ded48d-ce65-41de-a3e3-8ebec0174d72</REQ\_TRACE\_ID>

<REQ\_SEND\_TIME>20191030112004</REQ\_SEND\_TIME>

<REQ\_SRC\_SYS>BS-BPM-D</REQ\_SRC\_SYS>

<REQ\_TAR\_SYS>BS-CAD-D</REQ\_TAR\_SYS>

<REQ\_SERVER\_NAME>BPM\_SUNAC\_568\_CreateResult\_PS</REQ\_SERVER\_NAME>

<REQ\_SYN\_FLAG>0</REQ\_SYN\_FLAG>

<REQ\_BSN\_ID>170</REQ\_BSN\_ID>

<REQ\_RETRY\_TIMES>?</REQ\_RETRY\_TIMES>

<REQ\_REPEAT\_FLAG>?</REQ\_REPEAT\_FLAG>

<REQ\_REPEAT\_CYCLE>?</REQ\_REPEAT\_CYCLE>

<BIZTRANSACTIONID>CAD\_SUNAC\_564\_WriteSAPXmlToBPM\_PS20191211181358</BIZTRANSACTIONID>

<COUNT>1</COUNT>

</REQ\_BASEINFO>

<MESSAGE>

<REQ\_ITEM><strBTID>P11</strBTID><strBOID>170</strBOID><bSuccess>1</bSuccess><iProcInstID>2510001555</iProcInstID><strMessage>测试</strMessage></REQ\_ITEM>

</MESSAGE>

</I\_REQUEST>

</cad:CAD\_SUNAC\_568\_CreateResult>

</soapenv:Body>

</soapenv:Envelope>

返回报文：

<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">

<soap:Body>

<CreateResultResponse xmlns="http://tempuri.org/">

<E\_RESPONSE>

<RSP\_BASEINFO>

<RSP\_TRACE\_ID>f7ded48d-ce65-41de-a3e3-8ebec0174d72</RSP\_TRACE\_ID>

<RSP\_REQ\_TRACEID>20191030112004</RSP\_REQ\_TRACEID>

<RSP\_SEND\_TIME>20191030112004</RSP\_SEND\_TIME>

<RSP\_SRC\_SYS>string</RSP\_SRC\_SYS>

<RSP\_TAR\_SYS>string</RSP\_TAR\_SYS>

<RSP\_SERVER\_NAME>vsheji</RSP\_SERVER\_NAME>

<RSP\_BSN\_ID>170</RSP\_BSN\_ID>

<RSP\_RETRY\_TIMES>int</RSP\_RETRY\_TIMES>

<RSP\_STATUS\_CODE>int</RSP\_STATUS\_CODE>

<RSP\_STATUS\_MSG>string</RSP\_STATUS\_MSG>

<BIZTRANSACTIONID>CAD\_SUNAC\_564\_WriteSAPXmlToBPM\_PS20191211181358</BIZTRANSACTIONID>

<RESULT>1</RESULT>

</RSP\_BASEINFO>

<MESSAGE>

<RSP\_ITEM>

<Code>100</Code>

<Success>1111</Success>

<Error></Error>

<EProcessInstanceResult></EProcessInstanceResult>

</RSP\_ITEM>

</MESSAGE>

</E\_RESPONSE>

</CreateResultResponse>

</soap:Body>

</soap:Envelope>

审批状态为‘审批中’

### ApproveClose接口测试报文

请求报文

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:bpm="http://www.ekingwin.com/esb/BPM\_SUNAC\_571\_ApproveClose">

<soapenv:Header/>

<soapenv:Body>

<bpm:BPM\_SUNAC\_571\_ApproveClose>

<I\_REQUEST>

<REQ\_BASEINFO>

<REQ\_TRACE\_ID>198D497A83584322A204D8411D566DCE</REQ\_TRACE\_ID>

<REQ\_SEND\_TIME>20191211201220</REQ\_SEND\_TIME>

<REQ\_SRC\_SYS>BS-BPM-D</REQ\_SRC\_SYS>

<REQ\_TAR\_SYS>BS-CAD-D</REQ\_TAR\_SYS>

<REQ\_SERVER\_NAME>vsheji</REQ\_SERVER\_NAME>

<REQ\_SYN\_FLAG>?</REQ\_SYN\_FLAG>

<REQ\_BSN\_ID>156</REQ\_BSN\_ID>

<REQ\_RETRY\_TIMES>?</REQ\_RETRY\_TIMES>

<REQ\_REPEAT\_FLAG>?</REQ\_REPEAT\_FLAG>

<REQ\_REPEAT\_CYCLE>?</REQ\_REPEAT\_CYCLE>

<BIZTRANSACTIONID>BPM\_SUNAC\_571\_ApproveClose\_PS20191030111959022</BIZTRANSACTIONID>

<COUNT>1</COUNT>

</REQ\_BASEINFO>

<MESSAGE>

<!--Zero or more repetitions:-->

<REQ\_ITEM>

<!--Optional:-->

<!--Optional:-->

<strBTID>P12</strBTID>

<!--Optional:-->

<strBOID>168</strBOID>

<!--Optional:-->

<iProcInstID>2510001555</iProcInstID>

<!--Optional:-->

<eProcessInstanceResult>1</eProcessInstanceResult><strComment>同意</strComment><dtTime>20191211</dtTime>

<!--Optional:-->

</REQ\_ITEM>

</MESSAGE>

</I\_REQUEST>

</bpm:BPM\_SUNAC\_571\_ApproveClose>

</soapenv:Body>

</soapenv:Envelope>

返回报文：

<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">

<soap:Body>

<CreateResultResponse xmlns="http://tempuri.org/">

<E\_RESPONSE>

<RSP\_BASEINFO>

<RSP\_TRACE\_ID>198D497A83584322A204D8411D566DCE</RSP\_TRACE\_ID>

<RSP\_REQ\_TRACEID>20191030112004</RSP\_REQ\_TRACEID>

<RSP\_SEND\_TIME>20191211201220</RSP\_SEND\_TIME>

<RSP\_SRC\_SYS>BS-BPM-D</RSP\_SRC\_SYS>

<RSP\_TAR\_SYS>BS-BPM-D</RSP\_TAR\_SYS>

<RSP\_SERVER\_NAME>vsheji</RSP\_SERVER\_NAME>

<RSP\_BSN\_ID>170</RSP\_BSN\_ID>

<RSP\_RETRY\_TIMES>int</RSP\_RETRY\_TIMES>

<RSP\_STATUS\_CODE>int</RSP\_STATUS\_CODE>

<RSP\_STATUS\_MSG>string</RSP\_STATUS\_MSG>

<BIZTRANSACTIONID>BPM\_SUNAC\_571\_ApproveClose\_PS20191030111959022</BIZTRANSACTIONID>

<RESULT>1</RESULT>

</RSP\_BASEINFO>

<MESSAGE>

<RSP\_ITEM>

<Code>100</Code>

<Success>1111</Success>

<Error></Error>

<EProcessInstanceResult></EProcessInstanceResult>

</RSP\_ITEM>

</MESSAGE>

</E\_RESPONSE>

</CreateResultResponse>

</soap:Body>

</soap:Envelope>

### Rework接口测试报文

请求报文：

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:bpm="http://www.ekingwin.com/esb/BPM\_SUNAC\_570\_Rework">

<soapenv:Header/>

<soapenv:Body>

<bpm:BPM\_SUNAC\_570\_Rework>

<I\_REQUEST>

<REQ\_BASEINFO>

<REQ\_TRACE\_ID>B2C5E56DF2FB4660BB133AE3891D3C66</REQ\_TRACE\_ID>

<REQ\_SEND\_TIME>20191211201231</REQ\_SEND\_TIME>

<REQ\_SRC\_SYS>BS-CAD-D</REQ\_SRC\_SYS>

<REQ\_TAR\_SYS>BS-BPM-D</REQ\_TAR\_SYS>

<REQ\_SERVER\_NAME>BPM\_SUNAC\_570\_Rework\_PS</REQ\_SERVER\_NAME>

<REQ\_SYN\_FLAG>?</REQ\_SYN\_FLAG>

<REQ\_BSN\_ID>170</REQ\_BSN\_ID>

<REQ\_RETRY\_TIMES>?</REQ\_RETRY\_TIMES>

<REQ\_REPEAT\_FLAG>?</REQ\_REPEAT\_FLAG>

<REQ\_REPEAT\_CYCLE>?</REQ\_REPEAT\_CYCLE>

<BIZTRANSACTIONID>BPM\_SUNAC\_570\_Rework\_PS\_PS20191030111959022</BIZTRANSACTIONID>

<COUNT>1</COUNT>

</REQ\_BASEINFO>

<MESSAGE>

<!--Zero or more repetitions:-->

<REQ\_ITEM>

<!--Optional:-->

<!--Optional:-->

<strBTID>P11</strBTID>

<!--Optional:-->

<strBOID>170</strBOID>

<!--Optional:-->

<iProcInstID>2510001555</iProcInstID>

<!--Optional:-->

<strStepName>测试</strStepName>

<!--Optional:-->

<strApproverId>1</strApproverId>

<!--Optional:-->

<eAction>1</eAction>

<!--Optional:-->

<strComment>同意</strComment><dtTime>2019-12-11</dtTime>

</REQ\_ITEM>

</MESSAGE>

</I\_REQUEST>

</bpm:BPM\_SUNAC\_570\_Rework>

</soapenv:Body>

</soapenv:Envelope>

返回报文

<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">

<soap:Body>

<CreateResultResponse xmlns="http://tempuri.org/">

<E\_RESPONSE>

<RSP\_BASEINFO>

<RSP\_TRACE\_ID>B2C5E56DF2FB4660BB133AE3891D3C66</RSP\_TRACE\_ID>

<RSP\_REQ\_TRACEID>20191030112004</RSP\_REQ\_TRACEID>

<RSP\_SEND\_TIME>20191211201220</RSP\_SEND\_TIME>

<RSP\_SRC\_SYS>BS-BPM-D</RSP\_SRC\_SYS>

<RSP\_TAR\_SYS>BS-BPM-D</RSP\_TAR\_SYS>

<RSP\_SERVER\_NAME>vsheji</RSP\_SERVER\_NAME>

<RSP\_BSN\_ID>170</RSP\_BSN\_ID>

<RSP\_RETRY\_TIMES>int</RSP\_RETRY\_TIMES>

<RSP\_STATUS\_CODE>int</RSP\_STATUS\_CODE>

<RSP\_STATUS\_MSG>string</RSP\_STATUS\_MSG>

<BIZTRANSACTIONID>BPM\_SUNAC\_570\_Rework\_PS\_PS20191030111959022</BIZTRANSACTIONID>

<RESULT>1</RESULT>

</RSP\_BASEINFO>

<MESSAGE>

<RSP\_ITEM>

<Code>100</Code>

<Success>1111</Success>

<Error></Error>

<EProcessInstanceResult></EProcessInstanceResult>

</RSP\_ITEM>

</MESSAGE>

</E\_RESPONSE>

</CreateResultResponse>

</soap:Body>

</soap:Envelope>

审批退回，业务系统数据状态为“审批退回”，重新发起流程。

### Audit接口测试报文

请求报文：

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:bpm="http://www.ekingwin.com/esb/BPM\_SUNAC\_569\_Audit">

<soapenv:Header/>

<soapenv:Body>

<bpm:BPM\_SUNAC\_569\_Audit>

<I\_REQUEST>

<REQ\_BASEINFO>

<REQ\_TRACE\_ID>27E8FDB412C44A4A935C384159B4FEBB</REQ\_TRACE\_ID>

<REQ\_SEND\_TIME>20191211201250</REQ\_SEND\_TIME>

<REQ\_SRC\_SYS>BS-BPM-D</REQ\_SRC\_SYS>

<REQ\_TAR\_SYS>BS-CAD-D</REQ\_TAR\_SYS>

<REQ\_SERVER\_NAME>BPM\_SUNAC\_569\_Audit\_PS</REQ\_SERVER\_NAME>

<REQ\_SYN\_FLAG>?</REQ\_SYN\_FLAG>

<REQ\_BSN\_ID>170</REQ\_BSN\_ID>

<REQ\_RETRY\_TIMES>?</REQ\_RETRY\_TIMES>

<REQ\_REPEAT\_FLAG>?</REQ\_REPEAT\_FLAG>

<REQ\_REPEAT\_CYCLE>?</REQ\_REPEAT\_CYCLE>

<BIZTRANSACTIONID>BPM\_SUNAC\_569\_Audit\_PS20191030111959022</BIZTRANSACTIONID>

<COUNT>?</COUNT>

</REQ\_BASEINFO>

<MESSAGE>

<!--Zero or more repetitions:-->

<REQ\_ITEM>

<!--Optional:-->

<!--Optional:-->

<!--Optional:-->

<strBTID>p12</strBTID>

<!--Optional:-->

<strBOID>188</strBOID>

<!--Optional:-->

<iProcInstID>20191211201231</iProcInstID>

<!--Optional:-->

<strStepName>同意</strStepName>

<!--Optional:-->

<strApproverId>100</strApproverId><eAction>1</eAction>

<!--Optional:-->

<strComment>同意</strComment><dtTime>2019121212</dtTime>

</REQ\_ITEM>

</MESSAGE>

</I\_REQUEST>

</bpm:BPM\_SUNAC\_569\_Audit>

</soapenv:Body>

</soapenv:Envelope>

返回报文：

<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">

<soap:Body>

<CreateResultResponse xmlns="http://tempuri.org/">

<E\_RESPONSE>

<RSP\_BASEINFO>

<RSP\_TRACE\_ID>27E8FDB412C44A4A935C384159B4FEBB</RSP\_TRACE\_ID>

<RSP\_REQ\_TRACEID>20191030112004</RSP\_REQ\_TRACEID>

<RSP\_SEND\_TIME>20191211201250</RSP\_SEND\_TIME>

<RSP\_SRC\_SYS>BS-BPM-D</RSP\_SRC\_SYS>

<RSP\_TAR\_SYS>BS-BPM-D</RSP\_TAR\_SYS>

<RSP\_SERVER\_NAME>vsheji</RSP\_SERVER\_NAME>

<RSP\_BSN\_ID>170</RSP\_BSN\_ID>

<RSP\_RETRY\_TIMES>int</RSP\_RETRY\_TIMES>

<RSP\_STATUS\_CODE>int</RSP\_STATUS\_CODE>

<RSP\_STATUS\_MSG>string</RSP\_STATUS\_MSG>

<BIZTRANSACTIONID>BPM\_SUNAC\_569\_Audit\_PS20191030111959022</BIZTRANSACTIONID>

<RESULT>1</RESULT>

</RSP\_BASEINFO>

<MESSAGE>

<RSP\_ITEM>

<Code>100</Code>

<Success>1111</Success>

<Error></Error>

<EProcessInstanceResult></EProcessInstanceResult>

</RSP\_ITEM>

</MESSAGE>

</E\_RESPONSE>

</CreateResultResponse>

</soap:Body>

</soap:Envelope>

## 缺陷的统计与分析

### 缺陷汇总

* 概括

*【下表按bug 的状态列出bug 的数量】*

|  |  |  |
| --- | --- | --- |
| **Closed Bug 数** | **Pending Bug 数** | **总计** |
| *0* | 0 | 0 |

* 按优先级

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **严重** | **一般** | **小缺陷** | **非缺陷** | **总计** |
| 0 | 0 | 0 | 0 | 0 |

### 遗留问题

1. 若需求有变更后，与项目经理沟通之后后续调整；

# 测试结论与建议

## 测试结论

基本功能可正常实现，且无遗留bug。

## 改进建议