

# APEX Basic(?) Tips (206)

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LOG

# Summary

- About me
- About BiLog d.o.o.
- About the Topic
- Live Demo



- Mag. Inf., Faculty of Organization and Informatics in Varaždin, 2008.
- Worked as a school teacher until 2011.
- In 2011. started working as an Oracle developer in BiLog d.o.o., with focus on Application Express
- Software consultant, developer, educator



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[apexdontpanic.blogspot.com](http://apexdontpanic.blogspot.com)

- We ❤️ APEX
- Consulting and business solution development
- Forms > APEX migrations, APEX educations, plugin development
- Our APEX solutions: HR software, Insurance Regulatory Reporting, Reinsurance, GDPR

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No thanks!

We are  
too busy

# Basics?

1. Dynamically generate APEX URL
2. Catch the Modal Page Close Event
3. Interactive Report Settings
4. Call AJAX Processing from JavaScript
5. Where to store Custom JavaScript

# 1. Dynamically generate APEX URL

```
apex_util.prepare_url('f?p=100:1');
```



## 2. Catch the Modal Page Close Event

```
apex_util.prepare_url(  
    p_url => 'f?p=100:1'  
    ,p_triggering_element => '$(,,"#someID")'  
);
```

## 2. Catch the Modal Page Close Event

```
apex_util.prepare_url(  
    p_url => 'f?p=100:1'  
    , p_triggering_element => '$(,,#someID)'  
);
```

# 3. Interactive report settings

- Use APEX Debug
- Tune your query
- Beware of „expensive” options
- Limit user accessible features

## 4. Call AJAX Processing from JavaScript

- Learn the apex.server.process JavaScript API

[https://docs.oracle.com/database/121/AEAPI/javascript\\_api.htm#AEAPI29523](https://docs.oracle.com/database/121/AEAPI/javascript_api.htm#AEAPI29523)

- Learn about JavaScript Promises

<http://vmorneau.me/javascript-promises-in-apex/>

# 5. Where to store Custom JavaScript

- **Dynamic Actions** – One to two lines of code
- **Page Function and Global Variable Declaration** – Small page-specific functions
- **Shared Components > Static Application Files** – Better solution to keep JS files bundled into the App. Export
- **Static Files on Web Server** – Best solution (editing, versioning, deployment etc.)

[http://apexdontpanic.blogspot.com/2019/04/static-files-outside-apex-images-folder\\_19.html](http://apexdontpanic.blogspot.com/2019/04/static-files-outside-apex-images-folder_19.html)

 <https://github.com/thehuha/apex-basic-tips>

# Questions?

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Thank you!