FullwaveQC Documentation

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# Introduction

# Instalation

## Dependencies

# USAGE

Conjointly with Fullwave3D version ahsdsad and SegyPrep version asjhdsa

Jupyter example notebook

## Fullwaveqc.tools

|  |  |
| --- | --- |
| **Function** | fullwaveqc.tools.load |
| Purpose / Recommended Usage |  |
| Required Inputs |  |
| Optional Inputs |  |
| Outputs |  |
| Jupyter Example |  |
| Notes |  |

|  |  |
| --- | --- |
| **Class** | fullwaveqc.tools.SegyData |
| Purpose / Recommended Usage |  |
| Initialisation |  |
| Attributes |  |
| Jupyter Example |  |
| Notes |  |

## Fullwaveqc.geom

|  |  |
| --- | --- |
| **Function** | fullwaveqc.geom.boundarycalc |
| Purpose / Recommended Usage |  |
| Required Inputs |  |
| Optional Inputs |  |
| Outputs |  |
| Jupyter Example |  |
| Notes |  |

## Fullwaveqc.visual

|  |  |
| --- | --- |
| Function | fullwaveqc.visual.amplitude |
| Purpose / Recommended Usage |  |
| Required Inputs |  |
| Optional Inputs |  |
| Outputs |  |
| Jupyter Example |  |
| Notes |  |

|  |  |
| --- | --- |
| **Class** | fullwaveqc.visual.AnimateImshow |
| Purpose / Recommended Usage |  |
| Initialisation |  |
| Attributes |  |
| Jupyter Example |  |
| Notes |  |

## Fullwaveqc.inversion

|  |  |
| --- | --- |
| Function | fullwaveqc.inversion.functional |
| Purpose / Recommended Usage |  |
| Required Inputs |  |
| Optional Inputs |  |
| Outputs |  |
| Jupyter Example |  |
| Notes |  |

## Fullwaveqc.siganalysis

|  |  |
| --- | --- |
| Function | fullwaveqc.siganalysis.wavespec |
| Purpose / Recommended Usage |  |
| Required Inputs |  |
| Optional Inputs |  |
| Outputs |  |
| Jupyter Example |  |
| Notes |  |